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| Jacob Biles | | | |
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| Education |  | 2019-2023 | University Of Colorado Colorado SpringsBachelor of Innovation Computer Science Discipline: Major in Computer Science  Cross Core: Cross Discipline in Globalization |
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| SkillsOrganizations |  | Technical Skills  Software Languages  Soft Skills  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Clubs | Software Design • Troubleshooting • System Architecture Agile Development • Mathematics • Git / GitHub  Relational Databasing • Software Testing • Authentication  Java • C++ • Python • SQL • Unix  CSS • HTML • X86 Assembly • JavaScript  Innovation • Optimization • Documentation • Communication  Adaptability • Analytics • Collaboration • Teamwork  Flexible Design • Planning • Problem-Solving • Organization  Responsibility • Learning  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  ACM Chapter Member Since 2023  National Honors Society Since 2023 |
| **Academic Experience -**  **Computer Science**  **Academic Experience -**  **Cross Discipline**  **Academic Experience -**  **Innovation**  **Related Experience and Employment** |  | CS 1150  Principles of  Computer Science  CS 1450  Data Structures  and Algorithms  CS 2060  Programming With C  CS 2080  Programming with UNIX  CS 2160  Computer  Organization and Assembly language  CS 3060  Object-Oriented  Programming with  C++  CS 3160 Concepts  of Programming  Languages  CS 3300  Introduction to  Software  Engineering  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  ANTH 1040  Introduction to  Cultural  Anthropology  PSC 1010  Introduction to  Global Politics  COMM 3280  Intercultural and  Global  Communication  ENTP 1000  Introduction to  Entrepreneurship  BLAW 2010  Business and  Intellectual  Property Law  INOV 2010  Innovation Team  Analyze and Report  INOV 3010  Innovation Teams  Research and Execute  ENTP 4500  Entrepreneurship  and Strategy  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Kroger – King Soopers  Click List Clerk  10/2016 – 1/2020 | Using the JAVA language, created various projects that introduced concepts such as arrays, functions, and other key concepts when creating software.  Introductory course on various computer language data structures. Introduced linked lists, maps, binary trees, and how to use them. Alongside how to implement custom versions of these structures.  Focus on using the C programming language and how to implement various concepts into this language. Included a semester project that had a custom POS system made using GitHub for version control.  Course that introduced various concepts of working within the UNIX language. Also taught how to use various development tools such as Linux command line, server management, and other administrative concepts.  Experience regarding the assembly language, alongside the architecture of a computer that showed concepts such as the computational bus. Explored various concepts that allowed students to figure out how computer works on the logical level.  Expanded knowledge within the C language, by introducing the C++ language. Explored concepts of object-oriented programming by applying other concepts to this course. Explained further the concepts and practices of object-oriented programming alongside various projects throughout the course.  Explored various concepts of creating and implementing a computer language. Gathered a deeper understanding of how to implement a custom written language. Alongside exploring the various concepts of creating a custom language.  Introduction to concepts of software development including the agile and waterfall methodology. Using Django Framework alongside the Python programming language to create a webapp. Using the Git / GitHub version control methodology. Creating a semester project talking to customers and how to best implement their requirements.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Explored how to carefully and meticulously explore different cultures around the world. Brought up the various forms of cultural studies alongside how to ethically interact with different people around the world while respecting their cultures.  Explained and introduction to different politics around the world. How each region governs and has laws representative to their cultures and regional representation. How it differs and its influence on various concepts such as business, representation, and legal systems.  Exploration of different global communication efforts globally and how to interact on a cultural basis in each society. Explained various concepts of culture, communication, while maintaining professional and acceptable relationships.  Class that introduced how to create and maintain business alongside their practices. Focused on a team-based project where at the end of the semester, real world investors came to see the results of the project.  Business law course that introduced legal practices of being involved, running, and maintaining a business. Explored various concepts such as financial advice, legality of different practices, and how to file patents. Focused on a patent project where a team worked together to create a patent presented to a patent advisor.  The first course of three where we worked in a team to create a project for a client. During this semester created a project for Boreas Dry Ice, where our client was Cole Chapman. We aimed to create a sustainable way to recycle dry ice from the brewing industry and use it towards creating a new car cleaning service using this C02 gas for car and other vehicle cleaning.  The second course of the three where we worked in a team to create a project for a new client. The junior portion of this class where more experienced members are a support line to the 2010 members. During this semester we worked directly with the City of Colorado Springs, our client being Samantha Bailey of the sustainability department. We explored how to better manage and distribute our waste products, ending with a presentation to the city council including the mayor.  Exploration of different concepts within the business environment that shows us how to produce various documents and maintain our professional personality. Explored creating resumes, portfolios, and different documents.  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   * Served as a fill-in manager responsible for leading a three-person night shift and ensuring closing procedures. * Leveraged experience in order management and fulfillment to develop a strong understanding of process optimization, directly transferable to software development cycles and Agile methodologies. * Trained new members, ensuring long-term success and knowledge retention. * Optimized order processing workflows to significantly reduce order placement times, enhancing efficiency and customer satisfaction. * Gained hands-on experience in point of sale (POS), system management, data collection, and operational analytics. |

Innovation Statement

The world is full of opportunities, and as an innovator, it is my due diligence to take advantage of them. As an innovator, I will drive change in the world. Changes that focus on the philanthropic practices that used to be a staple of the American Culture. I have the vision that one day, we may be able to tackle the crisis that plagues the world. The slowly dispersing practice of philanthropy can address homelessness, drug addiction, and other strife afflicting the world, a practice I will embrace wholeheartedly.

          Throughout my life, I have valued family, commitment, and the value of a human soul.  Many people forget the value of their lives; thus, the concept of others being more than just a person gets lost in them. However, I often forgive people's forgetfulness, as everyone must invest in their battles. However, I remind myself frequently that the person sitting next to me has a family, troubles, and their thoughts. I commit to myself that I will continue to acknowledge the values of others, for at the end of the day, we are all humans. All are part of the family of humanity and deserve the best of life despite our circumstances. These reasons are why the process of philanthropy and the methods I follow as an innovator are essential to me.

          As innovators, the ability to create change is our responsibility to the world. Through this responsibility, we can transform ideas and make a real impact. When in this position of being an innovator, it bothers me to see the struggles that others face throughout their days. A common trend throughout American history is the practice of philanthropy. They give to lesser communities through numerous acts of generosity, such as opening libraries, shelters, or donations to different services. This act has started slowing down in the later centuries; however, to the dismay of many lesser communities, alongside a heavy heart, it leaves me. These acts I can take are why I will make it a personal duty to improve and revitalize this practice.

I plan on bringing this change through my extensive efforts. I have often thought that the process of philanthropy is one of the most noble parts of American culture. I will continue these practices through these beliefs once I have made a successful motion. I will innovate this process by changing the thought process behind philanthropy. Many people, when others practice philanthropy, often require some incentive. I do not believe in these incentives; I only want to let others know of the actions performed so they are inspired to do the same. Instead, I want to spread a better message worldwide through philanthropy.

I love my ability as an innovator to change the world and create an impact that truly makes a difference. I can make a difference through my actions, creating change that will genuinely affect those I may never see directly. However, to be able to influence the lives of others is one of the most impactful things someone within my position can do. Change is why the innovative process is so impactful and why I hold it dearly in my heart. The ability to influence the lives of others, especially those who are much less fortunate, is one of the most incredible things one can do in their own life.

As an innovator, it is in my hands to shape the world better and bring the change I want to see throughout. As innovators, we know that our philanthropic and innovative practices will make the world better. In the future, I will tackle the world's challenges through my creative process, bringing change that leaves a lasting impact. As I said, it bothers me that issues plague humanity throughout America and the world. All these issues could be fixed and bettered through the actions of people such as myself. This strife the world feels will be tackled by me; even if I can not entirely resolve the problems, I will try to eradicate them wholeheartedly

Personal Statement

When I was younger, I was infatuated with history—the study of ancients, significant events, and events that shaped our world. However, my love of history became a dangerous infatuation and strife. I started to have an extended focus on my history, keeping me stuck in the past. However, as Stephen Covey said, we must live out our imagination, not our history. This way of life has become a significant growth point as I have traversed through the Bachelor of Innovation. I have learned to transform my ideas our ideas into impact, escape the past, and move toward the future.

          I have a condition known as OCD of thoughts, meaning that I often can’t control my thoughts. This condition has usually been a bane of my extensive nature. I frequently found myself in ‘what could I have done better’ mindsets. However, I have moved past this mindset through my countless experiences within my education. Instead, I focus on the actions I can take and the impact I can make. The experiences and skills I have learned within my degree continue to strengthen my mindset and myself.

          The primary skill that comes to mind is my ability to collaborate. When working with teams, I have always struggled to make the connections I want between people. Through my personal development, however, I have become one of the best leaders, communicators, and collaborators. I don’t worry about how I could have improved, what I did wrong, or anything of this nature. I focus now instead on future meetings, projects, and the impact that I can bring through my actions alone.

          I have had multiple impactful experiences that have influenced my desire to be a decisive innovator. Most notable about these experiences are my coursework within innovation teams and business law. Within my innovation teams, we have had the honorary opportunity to work with real-world clients. This course allowed me to break out of my shell and work with clients to complete their desired projects. These courses helped me develop my collaboration skills working with individuals from different skill sets and walks of life.

The latter of these experiences, business law, allowed me to experience leadership and develop my leadership style. I was able to work on professional documents within a team environment, leading and advising my team. These processes allowed me to further develop my communication skills. However, they also highlighted my leadership and drive. My leadership skills are one of my most exceptional talents, leading and developing a team atmosphere that envelops the work and projects I produce.

I do not think about my past anymore; instead, I think constantly about the impact I can have. I am an innovator who does not dwell on the history of my world; instead, I look forward to the future. Instead of having a deep desire to do better, I have a passionate drive to change the world. I do this by employing my extensive skillset, which I developed on my own accord and through the efforts of the Bachelor of Innovation program.

I am no longer a person who learns about innovation; I am an innovator. I have conditions that don’t bring them down but use them to perceive a better future. I have an extensive skill set in collaboration, leadership, and problem-solving, allowing me to be the change I envision within the world. With the skillsets I have developed throughout my educational career, I can embellish and become the change I want to see in the world.

          The most crucial thing I learned is that I can’t get stuck in my history. Instead, I can imagine a better world, act on my imagination, and change the world. I create a better world through my innovative nature and by displaying and practicing my extensive skill set. The most important aspect is that despite the strife in my life that may adversely affect me, I am more than just a student. I am an innovator, capable of creating new ideas and innovations that bring the world closer to a better place.