Dakota Walker

**Resume**

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**Professional Summary:**

A highly motivated computer science student that has a strong desire to learn and grow. Has personal experience in robotics, cyber-security, and software development.

**Relevant Skills:**

* Database Management:
  + Have utilized and learned how to properly and securely query, manage, and utilize SQL and NoSQL databases, and incorporate them into projects.
* JavaScript and Frameworks and Web Development Skills:
  + Have incorporated JavaScript frameworks (React), SASS/CSS, JavaScript libraries (jQuery), PHP for server side rendering, and HTML to make good-looking and user-friendly web applications.
* Back-end Development Skills:
  + Have gained personal hands-on experience with multiple programming languages ranging from scripting languages such as python and C to OOP languages such as C# and C++. As well as using git and other version control systems.
* Computer Administration Skills:
  + Have taken courses and gained personal experience in the maintenance, repair and administration of computer networks.
  + Have had experience with multiple types of Operating Systems including Windows(7, 8.1, 10) and Linux based operating systems such as debian based Operating Systems as well as Arch based Operating Systems.
* Basic Knowledge of CyberSecurity:
  + Have pursued knowledge of cyber security and related topics as a hobbyist and have practiced by setting up Virtual machines as labs to practice.
* Basic knowledge of Robotics:
  + Was a member of a robotics team that competed on a national level while in high school.
  + We created robots that were made to compete in a competition against other teams from across the world, and while doing so traveled across the east coast.

**Education:**

* **Associates of Applied Science in Software Development (AAS)**
  + Attended: August 2019 - May 2021
    - Taught multiple peers software development skills, tools, and offered advice or tips on debugging and error handling.
    - Completed coursework in multiple fields of study including back-end development, web development, and System Administration skills.
* **Bachelor of Computer Science:**
  + Attended: January 2022 - Current
    - Working with a professor of the computer science department on a deep learning project that will involve the cooperation of 3 different universities to create a robot that can navigate an unstable terrain and can conduct path finding and obstacle detection in real-time.
    - Attending classes on learning computer theory and computer skills such as the functioning of operating systems and how they work.

**Work Experience:**

* **IT Technician/Assistant**
  + Employer: Suttle & Stalnaker
  + Attended: March 2022 - Present
  + Duties:
    - Used scripting languages such as bash, powershell, and python to automate tasks to increase company productivity and efficiency.
    - Helped to set-up, maintain and troubleshoot essential servers for company use.
    - Sat in and was an active participant in discussions involving company IT related issues.
    - Worked on using the MERN stack to update and modernize the company's intranet page.
    - Troubleshooted technical issues from software problems to hardware issues.
    - Used SQL syntax to effectively gain crucial information about current computer problems.