Hunter Adam

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Education

Bachelor of Science: Computer Science (GPA 3.8), Expected in 05/2024

Minor: Electrical Engineering, Expected in 05/2024

Colorado School Of Mines - Golden, CO

Professional Summary

Collaborative programmer aiming to fulfill an opportunity where proficiency in C++ or other programming languages is demanded. Skilled in offering quality-driven service for client systems. Offering a strong background in communicating with clients to foster loyalty and satisfaction.

Accomplishments

- Accepted onto the Dean's List at Colorado School of Mines every semester, thus far.
- Received the valedictorian award at Thomas MacLaren School, a Performance with Distinction award winning high school.

Hard Skills

- Proficiency in **C++, C#, Java, Python, SQL, Bash**
- Experience in **RISCV, MATLAB, VB6**

- **Object-Oriented Programming**
- **Data Structures**
- **Database Management**
- **Debugging** and **Unit Testing**

Work History

Software Developer Part-Time, 8/2022 to Present
Tyler Technologies -Lakewood, CO

Software Developer Intern, 5/2022 to 8/2022
Tyler Technologies – Lakewood, CO
- Learned how to debug quickly and effectively.
- Worked with people from around the world to solve different problems.
- Learned how to create non-data driven unit tests.
- Gained a love for working on a team to complete long projects.
- Practiced pair programming in person and remotely.

Physics Teacher's Assistant, 8/2021 to 5/2022
Colorado School of Mines – Golden, CO
- Learned preparation skills for teaching students.
- Collaborated with students to create a better understanding of the material.
- Created a healthy and exciting learning environment.
- Graded work consistently and in a timely manner.

Summer Intern and Camp Instructor, 5/2021 to 8/2021
Colorado School of Mines – Golden, CO

      Endorsement from supervisor:

      "As a CS Summer Intern,... you were a fantastic collaborator, a good listener, and you often stepped up to volunteer when no one else did. I think you discovered how to build teamwork, and gained leadership skills in a dynamic environment." - Susan Lucken

- Created content for stem related camps for young children.
- Piloted camp content to colleagues in an effective manner.
- Learned valuable teaching skills from professionals and personal experience.
- Taught middle and high schoolers Python and other stem concepts in a Zoom setting.
- Worked with Microbits and other sensor systems.
- Collaborated with colleagues to improve material for a CSM Python class.
- Learned how to effectively communicate and manage my time better.

Automotive Service Advisor, 04/2020 to 08/2020
Adam & Son Auto Repair and Service – Colorado Springs, CO

      Endorsement from supervisor:

      "Despite Hunter operating with a deficit in experience for my industry, he showed an uncanny ability to adapt quickly and learn at a very fast pace in a field that requires a level of technical expertise that Hunter did not possess but found his way by utilizing his available resources." - James Miles

- Estimated repair labor costs and required parts expenses.
- Communicated with guests about their repair needs and services available.
- Presented estimates to guests in person and over the phone.
- Kept track of part orders and deliveries for technicians.

------------------------------ Projects ----------------------------------

Environment Leadership Lab, 09/21

      Endorsement from lab director:

      "He stands out as a charismatic leader that demonstrates organizational abilities and a talent for rallying his peers around a cause." - Dr. Shannon Mancus

- Went on a short trip with a group of environmentally active people.
- Learned about environmental justice, Leave No Trace, and human impact on nature.
- Discussed next steps for improving our effort on Colorado School of Mines campus.

Electromagnetic hammer (Thor's hammer), 05/2020

- Created an electromagnetic hammer that would be activated by bluetooth and deactivated by touching a certain spot on the handle with a metal ring.
- Gained experience in arduino coding and bluetooth modules.
- Learned how to combine design, electrical, and coding skills to produce a project that worked and looked presentable.
- Researched the physics behind transformers and coils that create a magnetic force.
- Worked with soldering tools, relays, and other electrical tools.