William Taylor

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SUMMARY

Ambitious Computer Engineering student with interest in Information Technology and Computer Networking. Demonstrated success with both collaborative and remote environments. Strong communicator who is driven and dedicated with a desire to learn and achieve. Seeking to secure a full-time position with a respected organization to help further develop hands-on skills and professional experience.

SKILLS

- Programming languages: Python, C, Java, Verilog, VHDL, VBA, HTML, and SQL
- Passion and ability to learning new languages and technologies.
- Ability to analyze data and communicate results in oral and written presentations.
- Ability to apply systems and software engineering principles to emerging technologies in order to complete complex processes.
- Problem Solving, Teamwork, Leadership, Communication, Organization, and Time Management.

EDUCATION

Bachelor of Science in Computer Engineering   Expected: May 2022

- University of Arkansas, Fayetteville, AR
- GPA: 3.2
- Minors in Mathematics and Data Analytics

INTERNSHIP

Platform Analyst, OneStone solutions   June 2021 – Present

- Successfully loaded, audited, and troubleshooted client products onto Amazon, Walmart, Lowes, etc.
- Streamlined flow of data sheets from clients to internal teams to minimize errors and delays.
- Developed application for filtering, updating, and encrypting internal data.
- Efficiently communicated with colleagues to solve problems successfully and on-time.

SCHOOL PROJECTS

Company App   Spring 2021

- Chaired team of 6 to produce an app which allows for users, employees, to have different roles and access to company resources and products.
- Formulated routing paths using GET, POST, and DELETE http methods to map input from user (in html) and allow it to be compared to database on the server (in java) and return the correct view to the user.
- Communicated with teammates to complete app correctly and on time.

Micro Processor project (Verilog)   Fall 2020

- Instituted processor that decodes, operates on, loads, and stores data.
- CPU takes in binary instructions, then adds, subtracts, ANDs, ORs, XORs, XNORs, stores, loads, moves, and stores depending on what each instruction dictates.
- Utilized design vision to successfully synthesize design with timing delays and size constraints.
- Exceeded design requirement and was submitted 6 days before due date.

Mario Game   Fall 2020

- Designed 2D game application that allows the user to move the character and allows the users character to interact with other objects.
- Programmed in java, then in JavaScript, then in python (code on GitHub)
- Successfully completed all assignments before deadline and each received a score of 100%.

JOB EXPERIENCE

Sales Representative, Mondelez International   Summer 2021

- Maintained professional relationships with management, store managers, and other employees.
- Managed and was responsible for merchandise activities of 10 stores.
- Setup and maintained promotional displays

Carpenter, Home Concerns   Summer 2019 & Summer 2020

- Determined material needs, estimated production costs, and prioritized tasks to reduce project delays.
- Installed structures and fixtures, such as windows, doors, framing, trimming, siding, and molding.
- Provided assistance to lead carpenters and other members of the construction team, as necessary.

EAGLE SCOUT PROJECT

Project Leader   Spring 2018

- Secured $5000 investment for supplies which covered 70% of the project.
- Oversaw a group of 30 people to install five 300lb posts, 50 tons of packed gravel, and 6 benches. (220 total man hours)
- Administered arrival of supplies, tools, and materials.
- 40+ people use the hammock area a week.