Ashley Reid

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Education

Oregon State University, GPA : 3.24 — Corvallis, OR
Bachelor of Science in Electrical and Computer Engineering, Minor in Computer Science — *Sept. 2018 – June 2022*

Seattle University — Seattle, WA
25 credits towards a Bachelor of Science in Electrical Engineering and Physics — *Sept. 2017 – June 2018*

Experience

Systems Engineering Intern — June 2020 – August 2020
Dell Technologies — *Boston, MA (virtual)*

- Created a platform to simplify the common tasks and needs of hiring managers
- Researched and presented Diversity an Inclusion initiatives by customers to account executives
- "Rode Along" with account executives to client meetings to understand the role of a systems engineer

Service Experience Representative — Jun. 2018 – Jan. 2021
Nordstrom — *Tigard, OR*

- Provided customer service and resolved problems costumer related issues
- Organized the buy online and pick up area while helping customers.
- Assisted coworkers around the store who were having customer issues

Volunteer — Jun. 2017 – Jan. 2018
The Blanchet House — *Portland, OR*

- Served food to people in downtown Portland
- Helped organized donated goods to be distributed.
- Helped women and children select out items and chose full outfits to bring home

Projects

Mock NES Controller | *SystemVerilog, Intel's FPGA* — May 2019 – Jun 2019

- Prototyped an NES controller system using an FPGA. When simulated, the FPGA mimicked the same signals as the controller and could then be used to play the game Pong.
- Implemented the idea on a replica of an NES controller
- Familiarized myself more with QuartusPrime and SystemVerilog

Mock Roomate Website | *Javascript, HTML, CSS* — Sept. 2019 – November. 2019

- Used HTML, CSS, and JavaScript to create a website in which people can flip through different roommates and add favorites onto their own personal list saved by the Mongo Database
- Posted the website live and active to discover any errors

Raspberry Pi Mini Projects | *Python* — May 2020 – Present

- Used raspberry Pi 4 to create a personal ad blocker on personal network
- Used Pi to create a simple lighting system in my bedroom
- Currently am trying to create a "Magic Mirror" with the Pi, hoping to use voice recognition soon

Technical Skills and Personal Details

Proficient Languages: C/C++, JavaScript, HTML/CSS
Working Knowledge Languages: Python, Java, Assembly
Hardware Skills and Experience: SystemVerilog, VHDL, MATLAB, Assembly
Developer Tools: Git, VS Code, Visual Studio
Grace Hopper Scholarship Recipient: Awarded full scholarship from OSU for past two years