Connor Lowe

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SUMMARY OF QUALIFICATIONS

- Great proficiency in System Verilog, C, C++, Python, Linux, Java, SQL, R, AutoCAD, Fusion 360.
- Proficiency in circuit drafting and embedded system and microcontroller design.
- Excellent communication skills, work well as a team player and independently, able to delegate.
- Experience in customer service and teaching roles, leading large teams, and training sessions.
- Dependable, hardworking, and punctual.

EDUCATION

University of Washington, Seattle, WA 98105
Will graduate in March of 2022
Major: Electrical and Computer Engineering
Activities**:** The Golf Club, Woof3D, Hall council
Relevant coursework: Embedded Computing Systems, Design of Digital Circuits and Systems, Discrete Time Linear Systems, The Hardware/Software Interface, Data structures and Algorithms, Languages and Compilers.

EXPERIENCE

Maintenance Technician, Seattle, WA
Student Maintenance Technician at University of Washington, August 2020 – Present
- Responsibilities include repair, instruction, and maintenance of equipment (CNCs, lathes, waterjet cutters, 3D printers, laser engravers) and various other technologies across the Seattle campus.

Chess Playing Robot, Seattle, WA
Electrical and Computer Eng. Capstone at University of Washington, January 2022 – March 2022
- In this project I developed an algorithm that would track the state of a chess game using a camera. I also designed and built a robot to move the chess pieces strategically against a user. I was also responsible for refining the communication protocol between the board we used for communication and the motor controller board.

Teaching Assistant, Seattle, WA
Student Teaching Assistant at University of Washington, June 2020 – Present
- Currently a TA for Into to Embedded Computing Systems for the second time. Responsibilities include Instructing students, consulting with students to figure out what is imperative to success and identifying and resolving issues in academia.
- Responsibilities included identifying problems and solutions in an Intro to Arduino, Circuitry, and Coding summer class for high school level students.

OTHER EXPERIENCE

Vice President – Rethink UW, Seattle, WA
Vice president of operations at RETHINK, University of Washington, June 2019 – September 2020
- Responsibilities included facilitating meetings and their organization, campus outreach, fundraising, programming, and providing information on environmental and social sustainability relating to various business models.

The MILL and The 8: MAKER, Seattle, WA
Student MAKER at University of Washington, September 2019 – August 2020
- Responsibilities included assisting UW staff and students, instruction on equipment (3D printers, laser engravers, CNCs), cashiering, opening the makerspace, conducting tours, and closing at end of the day.