

# Elijah Shumway

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## PROFESSIONAL SUMMARY

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Highly motivated and dedicated towards achieving results in the most efficient and effective way. An adaptable and quick learning engineer who is not afraid to step into a leadership role while maintaining respect and an open mind towards others. Prepared and excited to offer a valuable array of skills to any team

## EDUCATION

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### Oregon State University

Junior Pursuing Bachelor of Science in Electrical and Computer Engineering and Computer Science; GPA: 3.77/4.0

Corvallis, Oregon

Expected June 2021

## SKILLS

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- **Coding Languages:** C++, C, Python
- **Technologies:** Arduino IDE, Eagle, Autodesk Fusion
- **Relevant Coursework:** Data Structures using C, Signals and Systems, Junior Design

## EXPERIENCE

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### OPEnS Lab

Project Electrical and Computer Lead

Corvallis, OR

March 2019-Present

- : Developed system for microcontroller based audio signal analysis
- : Performed rigorous testing on prototypes to isolate temperature dependencies
- : Produced effective systems to record real time environmental data
- : Analyzed environmental data for validity, accuracy, and trends
- : Managed production of multiple environmental suites for deployment

### Go Baby Go

Lead Electrical Engineer

Corvallis, OR

January 2019-Present

- : Retrofitted child ride-on-cars for children with mobility impairments
- : Designed control board for club's prototype wheelchair
- : Coordinated with a diverse team to design a motorized wheelchair prototype

### Walt Disney Company

Safety Critical Recreation Cast Member

Orlando, FL

September 2018 - January 2019

- : Upheld guest safety and the exceptional customer satisfaction that the Walt Disney company is known for
- : Attended to guests' needs and helped to provide the most exceptional experience possible for each individual guest
- : Ensured compliance with pool policies and procedures; offered suggestions to staff to maximize safety awareness
- : Monitored the safety of all guests in and around the swimming pool
- : Conducted guided tours and informed guests about programs and activities offered

### Family Therapy Lake Oswego

Counselor's Assistant

Lake Oswego, OR

June 2017 - September 2017

- : Streamlined insurance billing and accounting
- : Scheduled appointments coordinating client and provider's schedules
- : Handled invoices, copays, and health insurance billing

## ADDITIONAL EXPERIENCE & ACHIEVEMENTS

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- Awarded Finley Academic Excellence Scholarship
- Selected for the Disney Ultimate Engineering Experience(only 40 college program students) to design a mock project for park expansion and network with the company's team of engineers
- Acacia Fraternity's Social Chair, in charge of planning social events to facilitate bonds within the Greek community