

# Henry A. Gillespie

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Portland, OR 97221

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## EDUCATION

**Honors Bachelor's of Science in Electrical Engineering**  
Oregon State University, Corvallis, OR

*expected June 2023*

### Relevant Coursework

Data Structures  
Digital Logic Design  
Electrical Fundamentals

### Upcoming Coursework

Junior Design Project  
Electrical Signals & Systems  
Transmission Lines

*expected June 2021*

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## SKILLS

### Computer Programming

Ability to use Python to simulate and solve various math problems  
Knowledge of C and C++ language

### Applications

Familiarity with Quartus Prime and SystemVerilog  
Ability to model three dimensional objects in Fusion 360 and Solidworks  
Proficient with the Arduino IDE

### Circuit Behavior

Linear circuit design and analysis techniques

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## LEADERSHIP & INVOLVEMENT

### SAE Baja Team Member

*September 2019 - Present*  
Collaborative work with other students to design, build, and test an off-road vehicle

### Eagle Scout

*June 2019*  
Achieved the highest rank offered by the Boy Scouts of America  
Held multiple senior leadership positions within troop

### Arduino Teaching Assistant

*September 2014 – June 2019*  
Arduino and Lego robotics program for middle school students  
Worked 2 hours per week teaching Arduino and programming basics

### Eagle Project: Preschool Playground Improvement

*December 2017*  
Designed, fundraised, and built steps to terrace playground hill  
Coordinated 30+ volunteers over multiple days  
Personally dedicated 150+ hours through planning and project execution