Eric Newcomer

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Objective

A summer internship position in the field of software engineering/development

Education

California Polytechnic State University, San Luis Obispo   Expected: June 2021
Major: Computer Science   Academic Standing: Sophomore
GPA: 3.9
Sehome High School, Bellingham, WA   June 2017
GPA: 3.99 (unweighted)

Relevant Coursework:

Calculus I	Introduction to Computing	Physics I*
Calculus II	Fundamentals of Computer Science*	
Calculus III*	Technical Writing for Engineers*	* = Currently taking

Skills

- Programming Languages: Python, C++, Swift, Javascript, HTML/CSS, Git, Markdown
- Applications: Microsoft Office, Xcode, Atom, Google Drive, MindNode

Projects

Arduino Programming   September 2017 - December 2017
Robotics Class Projects

- Collaborated in a team of five to create a functional product to assist patients suffering from dementia
- Prototyped a tracking device that notifies caregivers when and where their patient is wandering
- Used Sketch (Arduino Software IDE) to program a line-following robot

Web Development   June 2017 - August 2017
Personal Website/Web Projects

- Made multiple websites using HTML, CSS, Javascript (Angular) in order to practice web development and make a personal website

Leadership/Involvement

Co-Founder/Co-Director, *Hack4Impact*, Cal Poly   January 2018 - present
President, *Associated Student Body*, Sehome High School   September 2016 - June 2017
President, *Concert/Marching Band*, Sehome High School   September 2016 - June 2017
Drum Major, *Marching Band*, Sehome High School   September 2016 - June 2017

Experience

Control Systems Leader, FRC Robotics Team 2605, January 2016 - March 2017

- Programmed robot to facilitate Drive Control using RobotPy (Python)

Server, Solstice Senior Living, November 2015 - November 2016

- Took orders for residents, served food, bussed tables, and cleaned dining area.