Daniel Fowler

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Objective

I am searching for a career teaching students how to code. I would love to share my passion for coding with others.

Summary

I am a Student at Oregon State University - Cascades with a background in software languages and applications. I am experienced teaching others about programming and mathematics.

Experience

Prospect Robotics Team (First Robotics Competition)
2015-2019

- Software Team Lead
- Strategy Lead
- Led team in designing and voting on a robot design
- Trained other students on how to program in Java and use the WPILIB
- Managed mentors and students involved with the software team including organizing meetings
- Established a standard notation for group code, including useful code comments and clear variable naming
- Managed and worked on the drivetrain and various motor function coding
- Developed code for autonomous robot function
- Coordinated team at Regionals and Championship to develop strategies for each match

Mathematics Tutor
2016-2017

- Reviewed students' school curriculum to aid with subject retention and prepare for upcoming lessons
- Created practice and test problems to use during lessons, adjusting to match current comprehension level
- Helped students clearly understand concepts and stay focused while being taught

Enrichment Summer Program Teacher's Assistant
2016

- Assisted with question answering and debugging for beginner Scratch students
- Guided students in the right direction, but allowed the kids to reach a solution themselves
- Organized and distributed supplies in a middle school art class

Youth Mentor, Coder Dojo
2014-2015

- Assisted with question answering and debugging for beginner Scratch students
- Guided guide students in the right direction, but allowed the kids to reach a solution themselves

Education	**Oregon State University - Cascades, Bend, Oregon** Computer Science Major Planned Graduation: 2023 **High School** GPA: 3.45 Prospect High School Graduation: June 2019 Related Courses: - AP Computer Science A, AP Calculus AB, AP Calculus BC, AP Physics 1, AP Physics 2, AP Statistics - Beginning Programming Methodologies in C++ - Computer Science Orientation
Additional Activities	Family Giving Tree "Angel Elf" (long-term volunteer) December 2008 - September 2019 - Youngest volunteer to ever be promoted to Angel Elf - Worked in various areas, including volunteer training and supervision - Nominated by Family Giving Tree founder and CEO for a youth service award Math Olympiad 2012-2015 3-time winner of Highest Scoring Olympian in school Camp Galileo JAVA camp - Upon task completion, given permission to help other campers