

Alex Eidt

Junior in Electrical Engineering at the University of Washington

Contact

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Education

B.S Electrical Engineering
Fall 2018 – Spring 2022
University of Washington
Seattle
3.61 GPA

Skills

Python, Java, JavaScript,
Kotlin, NodeJS, VueJS,
jQuery, Ajax, C/C++,
Verilog, HTML/CSS,
LaTeX, ModelSim,
Quartus, Git/GitHub

Hackathons

DubHacks 2019
AngelHack 2019 Seattle

Objective

Obtain a software engineering internship.

Experience

Computer Science Teaching Assistant

Jan 2021 – Present

- Teaching Assistant for CSE 163, an Intermediate Data Programming course focused on learning Data and Image Analysis in Python using analytic and machine learning techniques.
- Co-lead weekly quiz sections of ~20 students with fellow TA to review course concepts and go through example exercises.
- Hold weekly office hours to answer student questions.
- Part of course climate team to evaluate student responses, reach out to struggling students, organize social events and help build community.

UW Solar in the Urban Infrastructure Lab

Oct 2018 – Sept 2020

- Project Lead for Manastash Ridge Observatory project. Coordinated site visited to Observatory. Oversaw cost estimation, schematic and solar array design with UW Solar team to create a proposal and energy audit for a ground mounted solar array at the Observatory.
- Created and designed new UW Solar (<http://uwsolar.be.uw.edu/>) website using VueJS and NodeJS with fellow computer science undergraduate. Designed Urban Infrastructure Lab (<http://uil.be.uw.edu/>) website using WordPress. Weekly meetings with club officers, faculty, and UW Web developers to guide design and host easily maintainable sites. Created documentation for updating/maintaining the UW Solar website.

University of Washington (UW) Course Planner

July 2019 – Sept 2019

Web App with schedule visualization on a campus map, recursive course prerequisite trees, and course keyword search. Built in Python using the Flask framework backend along with Ajax and jQuery. Built *uwtools* library in Python for parsing UW course catalog and time schedule websites. Presented project to UW IT Academic Experience Design & Delivery Team to improve MyPlan, (course management tool at UW) resulting in a course keyword search feature being added. <https://alexeidt.pythonanywhere.com>

References

Jan Whittington – Professor in Urban Design and Planning at the University of Washington, Founder of the Urban Infrastructure Lab and UW Solar Faculty Advisor. janwhit@uw.edu

Brian Vogt – Web Developer in the College of Built Environments at the University of Washington. bvogt@uw.edu

Austin Miller – Freelance Web Developer. austinem@gmail.com