

ALEX EIDT

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SUMMARY OF QUALIFICATIONS

Software/Hardware:

- Programming in C/C++/Golang/Java
- Software Design Patterns and Object Oriented Design
- Problem Solving using Data Structures and Algorithms
- Image Processing and scientific computing in Python
- Real-time, Multi-threaded and Parallel Software Systems
- Digital logic and hardware design with Verilog
- Web Development with Javascript, HTML/CSS, and node.js

Interpersonal:

- Excellent written and verbal communication
- Collaborative worker with leadership experience

EDUCATION

University of Washington (UW), Seattle, WA | October 2018 - December 2021

Bachelor of Science, Electrical Engineering

Data Structures and Algorithms, Computer Vision, Systems Programming, Digital Imaging Systems, Digital Logic, Computer Architecture, Embedded Computing Systems

Teaching Assistant

Intermediate Data Programming (Python), January - August 2021

RELEVANT EXPERIENCE

Open Source Developer, Github, February 2019 - Present

- Creator of 26 open source projects. 550+ stars, 10000+ downloads, 25+ forks.
- Maintainer of a popular Golang package for cross-platform multimedia I/O.
- Developed a course planning web app for the University of Washington. Presented project to UW's Academic Experience Delivery Team. 5000+ monthly visits.
<https://alexeidt.pythonanywhere.com/>

Web Developer, UW Solar, Seattle, WA | October 2018 - September 2020

- Created UW Solar website using Vue.js and Node.js with a fellow computer science undergraduate. <http://uwsolar.be.uw.edu/>
- Held weekly meetings with club officers, faculty, and UW Web developers to guide website design and host easily maintainable sites.
- Lead an interdisciplinary team to create a proposal and energy audit for a ground mounted solar array at the Manastash Ridge Observatory.