**ETHAN T. BLAKE**

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EDUCATION

**Bachelor of Science in Computer Science** Anticipated December 2022

Oregon State University GPA: 3.87

**Bachelor of Music in Vocal Performance** May 2018

Arizona State University GPA: 3.84

PROJECTS

**Personal Website** [GitHub](https://github.com/EthanBlake417/ethanblake-computerscientist)

* Built with Python, Flask, Html5up, and hosted on Vercel

SKILLS

**Languages:** Python, C, C++, HTML, CSS, MASM 32-bit Assembly, JavaScript,

**Technologies:** PyVISA, Matplotlib, Tkinter, Pandas, Multiprocessing, Numpy, Ctypes, Cuda, OpenCL, Open MP Parallel Programming, Open MPI Parallel Computing, Linux, APIs, Flask

WORK EXPERIENCE

**Undergraduate Learning Assistant: Data Structures** September 2021 – Present

Oregon State University

* Assist students during office hours, grade homework, and proofread assignment prompts and rubrics
* Developed python style guide for students

**Software Developer** May 2020 – Present

Grid Evolution Technologies, Scottsdale, AZ

* Write software for optical fiber test equipment
* Utilize PyVISA, Pandas, Tkinter, Matplotlib, and Multiprocessing to connect equipment and display real-time test data
* Leverage Excel and Python to filter and model electrical signals, including signal processing, Kalman noise filtering, and digital automatic gain control