**ETHAN T. BLAKE**

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EDUCATION

**Bachelor of Science in Computer Science**Anticipated

Oregon State University

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

Arizona State University GPA: 3.84

PROJECTS

**Project Name** [GitHub](http://www.github.com) | [Demo](http://www.google.com)

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SKILLS

**Languages:** Python, C, C++, JavaScript, HTML, CSS

**Technologies:** Linux, APIs, PyVISA, Matplotlib, Tkinter, Pandas, Multiprocessing

WORK EXPERIENCE

**Undergraduate Learning Assistant: Data Structures** January 2022 – Present

Oregon State University

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

**Position Title** May 2017 – 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

**Reading Tutor** May 2018 – May 2019

Reading and Math Clinic, Chandler, AZ

* Tutored children struggling with Dyslexia, providing one-on-one instruction

**Freelance Musician** **and Instructor** January 2016 – December 2020

* Taught piano and guitar, performed as vocalist and cellist