

# Ivan Webber

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## Education

**Bachelor of Science in Computer Science** | University of Arizona (UA) | Tucson, AZ | Fall 2018 – Spring 2020

- GPA | 3.66
- Languages | Java, JavaScript, HTML, CSS, C, Python
- Courses | Computer Vision, Natural Language Processing, Databases, Operating Systems, Algorithms, Object Oriented Programming and Design, Comparative Programming Languages (Ruby, Haskell, Prolog, Go), System Programming and Unix, Web Programming, Computer Organization, Data Structures and Algorithms

Applied and Computational Mathematics | Brigham Young University | Provo, UT | Summer 2017 – Summer 2018

- GPA | 3.8
- Languages | C++
- Courses | Linear Algebra, Data Structures, Discrete Probability

Combined GPA: 3.7

## Experience

Data Science Intern | Nextrio | Tucson, AZ | December 2019 – March 2020

- Used MS Power Bi and DAX to make visualization of metrics stored in company database.

Tutor | UA Dept. of Computer Science | UA, Tucson, AZ | August 2019 – Present

- Tutor 1-5 underclassmen/hour; 8 hours/week; in prompt reading, problem solving, and code design (Python, Java).

**Technology Development Program Intern** | Optum (UnitedHealth Care) | Phoenix, AZ | June 2019 – August 2019

- Worked with Data Science team to develop Python module for converting scanned CMS 1500 Health Forms and UB-92 Forms to a machine-human readable format.
- Implemented an image preprocessing pipeline using Open Source Computer Vision (CV) libraries (e.g. OpenCV, Tesseract, PCA).
- Extended API platform security by implementing Bearer (Token) and Role-Based Authentication for Eve Python REST API and setting up remote Nexus repository.

Preceptor | UA Dept. of Electrical Engineering | UA, Tucson, AZ | January 2019 – May 2019

- Taught, supported, aided, and evaluated students (intro. to Programming in C) during lectures and labs.

Intern | Center for Accelerated Biomedical Innovation (ACABI) | UA, Tucson, AZ | September 2018 – January 2019

- Advised and assisted primary researchers developing MICELI (a medical invention) with data handling and analysis.

## Involvement & Leadership

Personal Projects | [github.com/ivanthewebber](https://github.com/ivanthewebber)

- IvanWebber.com | Blog server written in go using the template library for on-demand generating html

Volunteer TA | Microsoft TEALS-k12 | Pima Adult Ed. Center, Tucson, AZ | September 2019 – present

Member | Bioinformatics Club | UA, Tucson, AZ | Spring 2019

Computer Science Peer Mentor | UA Dept. of Computer Science | UA, Tucson, AZ | Spring 2019

Babcock Dorm Representative | Residence Hall Council | UA, Tucson, AZ | Fall 2018 – Winter 2019