

Ivan Webber

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Education

Bachelor of Science in Computer Science & Minor in Statistics and Data Science

| University of Arizona (UA) Honors College | Tucson, AZ | Fall 2018 – **Spring 2020**

GPA | 3.66

Languages | Java, JavaScript, HTML, CSS, C, Python

Courses | 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 – January 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 primary researchers developing MICELI (a medical invention) about data handling and analysis tradeoffs.

Involvement & Leadership

Personal Projects | github.com/ivanthewebber

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

Computer Science Peer Mentor | UA Dept. of Computer Science | UA, Tucson, AZ | January 2019 – May 2019

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