

# Ivan Webber

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## Applied Skills

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

Other | Agile, Microsoft Office, Node.js, Flask, OpenCV

## Education

**Bachelor of Science in Computer Science** | Minor in Statistics and Data Science | Fall 2018 – **Fall 2020**

University of Arizona (UA) | Honors College, Tucson, AZ

Applied and Computational Mathematics | Summer 2017 – Summer 2018

Brigham Young University | Provo, UT

## Experience

Tutor | UA, Tucson, AZ | August 2019 – Present

- Tutor underclassmen and teach problem solving (Python, Java)

After School Club Leader & Presenter | Brain STEM | Tucson, AZ | September 2019 – Present

- Present and lead science learning activities at middle schools in Tucson

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

- Worked with Data Science team to implement an Optical Character Recognition (OCR) engine to convert 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

Preceptor | University of Arizona 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

- Consult with primary researchers developing MICELI (a medical invention) about data handling and analysis

Technician | BYU Office of Information Technology Audio-Video | Provo, UT | September 2017 – July 2018

- Operate in various roles (e.g. graphics, replay, camera, producer, etc.) in the production of BYU's in-house sports broadcast (i.e. what you see on the Megatron)

## Involvement & Leadership

Bioinformatics Club | UA, Tucson, AZ | Spring 2019 – Present

- Co-President 2019-2020

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

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

## Relevant Coursework and Activities

CS 337 | Web Programming | UA, Spring 2019

CS 252 | Computer Organization | UA, Spring 2019

CS 345 | Data Structures | UA, Spring 2019

Math 313 | Linear Algebra | BYU, Winter 2018