

# Ivan Webber

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## Technical Skills

Languages | C++, Java

Software | Adobe Premier Pro, Photoshop; Microsoft Office, Visual Studio; Eclipse

## Education

**Bachelor of Science in Computer Science** | Minor in Statistics and Data Science | Fall 2018 – **Winter 2021**  
University of Arizona (UA) | Honors College, Tucson, AZ

- GPA: 4.0 (new transfer student, see below)

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

- GPA: 3.83

## Relevant Coursework and Activities

Mine Sweeper | Personal Project | August 2018

- Learned to make GUI by implementing a Mine Sweeper app using C++ and CLI

CS 235 | **Data Structures** | BYU, Summer 2018

- Implemented ADTs using C++ including Map, Linked List, AVL Tree, and Deque with iterators and random access.
- Used recursion along with my ADTs to complete course labs (e.g. 3D Maze Solver)

Math 313 | Linear Algebra | BYU, Winter 2018

## Involvement & Leadership

**Blue Chip** | UA, Tucson, AZ | Fall 2018

**Student Alumni Association** | UA, Tucson, AZ | Fall 2018

TransferCats | UA, Tucson, AZ | Fall 2018

Design Thinking Collaborative | BYU, Provo, UT | Fall 2017

- Collaborated in group of 4 to understand and implement the creative design process to improve user experience for student-course materials

## Experience

Mentored Research | BYU, Provo, UT | May – July 2018

- Found ideal study groups of caddisflies by using Python to process metadata of 32,000+ samples
- Used Unix terminal to run code on the Fulton Super Computer and manage input/output files

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

- Developed and applied video skills (e.g. graphics, replay, camera, producer, etc.) to produce in-house show for BYU sports (i.e. what you see on the Megatron)
- Recorded lectures and speeches at formal events, academic conferences, and other BYU events