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

Experience

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

- Analyze data using multiple regression and provide data support by consulting with primary researchers and developing data analysis software for MICELI (a medical invention).

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)

Involvement & Leadership

Blue Chip | UA, Tucson, AZ | Fall 2018

- Applied Design & Systems Thinking skills to real-world sustainability problems in eco-themed development course

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

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

Math 313 | Linear Algebra | BYU, Winter 2018

References available upon request.