(480)993-7914

maxfielddsmith@gmail.com

Maxfield Smith

28405 N 63rd Pl
Cave Creek, AZ
85331

Education

| **Tempe, AZ** | **Arizona State University** | **Aug 2016-May 2020** |

- **Major**: Computer Science, B.S.E (in-major GPA: 3.42)
- **Programming Courses**: Data Structures & Algorithms, Computer Networks, Operating Systems
- **Technical Courses**: Intro to Artificial Intelligence, Computational Biology, Intro to Robotics, Database Management

Software Projects

Senior Capstone Project

- Developed an Android Application using Unity and C# to educate middle school students about the impacts of climate change.
- Integrated Google APIs allowing C# to read and write information to Google Sheets
- Designed a backend login system that gave teachers easy access to check the progress each student has made.
- Collaborated in bi-weekly Scrums to meet requirements given by our sponsors and make sure all deadlines were met.
- *Utilized*: C#, Google OAuth, ARCore Library, Unity, Git

TSS Profiling (Computational Biology)

- Applied computational biology algorithms to identify instances of alternative promoter usage of TSS profiling data.
- Parsed hundreds of lines of data to pull relevant information from various file types (.tab, .bed, .gff3)
- Took advantage of Python data processing to extract information to later examine using common statistical analysis tests.
- Adjusted to the global pandemic to deliver a finished product by a predetermined deadline
- *Utilized*: Python, Git

Employment

| **Walmart** | **Associate** | **2018-2019** |

- Communicated with the store management and other associates to provide a safe and efficient work environment for the customer
- Provided excellent customer service to over 100 guests a day by processing payments and answering questions about the store

Skills

Software: (proficient): Python, Java, C, Unix, SQL (familiar): Git, C++, MATLAB, JavaScript, HTML/CSS