

Jacob Fung

Motivated and focused student looking to build a career in software development, information technology, or data analysis computer programming. Demonstrated exceptional ability training and working with new co-workers to achieve company goals. Recognized ability in communication and willingness to learn and adapt to fast paced work environments. Eager to prove oneself as a programmer. Currently enrolled at the University of Arkansas as a Senior Computer Science major pursuing a bachelor's degree.

Education

- University of Arkansas – Fayetteville, AR Jan 2017 - Present
BS – Computer Science – Expected May 2020
- Collin County Community College – McKinney, TX Aug 2014 – May 2016

Projects

Super Mario Recreation Aug 2018 – Dec 2018
Over the course of a semester, I designed and implemented a recreation of the original Super Mario using Java. During the development, I also ported the code to Python 3 and JavaScript as a side project.

Features:

- Basic movement
- Level creation tool
- Save and load tool to ease level creation
- Fully functioning coins and coin blocks
- Proper physics interactions
- Basic multiplayer implementation

<https://github.com/Crown2/Projects/tree/master/SuperMario>

Capstone – “Hezuo” Aug 2019 – Present
As a final project for my degree, I am currently working on a collaborative coding tool that would allow multiple users to write/compile/run code concurrently in a live session with other developers. The app is currently in development for Linux and Mac and is being written in Python 3 using PyQt5.

Current Features (Work in Progress):

- Basic text editor functionality such as reading, writing, saving files, opening files
- Compiling using local system's compilers
- Multiple users simultaneous read/write on the host's selected files

<https://github.com/Crown2/Projects/tree/master/Hezuo>

Interests

- Software Engineering
- Information Technology
- Cryptography
- Data Analysis

Professional Skills / Proficiencies

- C/C++
- Java
- JavaScript
- Python
- SQL
- Cryptography

Work Experience

Chick-fil-a

Night Team Leader / Trainer – Frisco, TX

Jul 2015 – Aug 2016

Marco's Pizza

Delivery Driver – Fayetteville, AR

Jan 2019 - Present

