

# Johnson He

SOFTWARE ENGINEER · STUDENT

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## Education

### Cal Poly (California Polytechnic State University)

San Luis Obispo, California

B.S. IN COMPUTER SCIENCE

Sep. 2019 - Present

- GPA: 3.73/4.0
- Dean's List Honors

## Relevant Coursework

- Systems Programming
- Object Oriented Programming
- Computer Architecture
- Fundamentals of CS
- Data Structures
- Discrete Structures
- Computer Organization
- Engineering Technical Writing

## Work Experience

### The Ohzone Inc

Sunnyvale, California

DATA & SOFTWARE INTERN

Jun. 2021 - Sept. 2021

- Wrote python scripts that take web-scraped data to update existing data in a SQL database stored on AWS.
- Assisted in installing, deploying, and updating ELK Stack on AWS.
- Researched and presented findings on NFT marketplaces and how to create NFTs.

### AFP Power

Saint Louis, Missouri

WEB DEVELOPMENT, SHIPPING/STORAGE

May 2015 - Aug. 2020

- Helped develop an ecommerce website for ease of access and shopping for online customers.
- Fulfilled and quickly shipped orders with accuracy.
- Managed and organized storage in the most spatially efficient manner.

### Mastercard

Saint Louis, Missouri

SOFTWARE DEVELOPMENT STUDENT

Jul. 2018 - Aug. 2018

- Attended a summer software development workshop, deepened understanding of the whole software development life cycle and shadowed many roles including software developers, debuggers, scrum masters, technical leads, product delivery and more.

## Projects

### Personal Website

Saint Louis, Missouri

HTML, CSS, JAVASCRIPT

Jan. 2021

- Created a personal website to showcase education, personal projects, resume, and contact information. (johnsonhe.github.io)

### Miner Game

San Luis Obispo, California

JAVA

October. 2020

- Refactored a single file 1000+ code line game with object oriented design into multiple classes, interfaces and abstract classes.
- Implemented a more efficient A star pathing strategy into the game.
- Created a UML diagram to outline the various elements of the game for ease of access and updates.

### Concordance

San Luis Obispo, California

PYTHON

February. 2019

- Developed a program which when given a text file generates a text file of concordance.
- Utilized hash tables and collision resolution (open addressing).

## Technical Skills

**Languages** : Python, JavaScript, CSS, Java, HTML, RISC-V, C/C++ , SQL

**Technologies/Frameworks**: AWS, Dreamio, Github, LaTeX, Linux, PostgreSQL, Postman, Sequelize, UML

**Certifications**: D101: Dremio Fundamentals, D102: Dremio Data Reflections, D103: Dremio for Data Consumers

**Other Skills**: Photoshop, Illustrator, Docs, Sheets, Slides, Word, Excel, PowerPoint