

## EDUCATION

Bachelor of Science - Computer Science

August 2015 - November 2020

*Iowa State University*

*Ames, IA, United States*

Computer Science Courses: Software Development Practices (Full Stack), Introduction to the Design and Analysis of Algorithms (Java), Advanced Programming Techniques (C, C++), Introduction to Database Management Systems (SQL), Software Testing (Selenium), Computer Game and Media Programming (C#, Unity).

## SKILLS

Programming Languages: Java, Python, JavaScript, HTML, CSS, Bash, and SQL.

Tools and Frameworks: Spring, Node.js, Tailwind CSS, Linux, Git, GitHub, and Amazon Web Services (AWS).

## WORK EXPERIENCE

Student Worker

September 2015 - May 2016

*ISU Dining*

*Ames, IA, United States*

- Prepared food items consistently and in compliance with recipes, portioning, cooking, and waste control guidelines.
- Performed multiple roles, including but not limited to cashier, sandwich artist, and dishwasher.
- Helped teammates complete tasks proactively and reactively.
- Positively engaged with students and satisfied their daily dining needs.

## VOLUNTEER EXPERIENCE

Photographer

January 2020

*Iowa State University College of Engineering*

*Ames, IA, United States*

- Volunteered as an event photographer at the FIRST® LEGO® League Challenge hosted by Iowa State University College of Engineering.
- Helped event organizers capture high-quality digital photos of attendees, parents, and volunteers.

## CERTIFICATE

Google IT Automation with Python Specialization

April 2021

*Coursera*

*Credential ID: J72AV5TVHHUM*

- Analyzed real-world IT problems and implemented the appropriate strategies to solve those problems.
- Managed resources at scale, both for physical and virtual machines in the cloud. This was accomplished with an infrastructure automation tool, Puppet, and version control tool system such as Git and GitHub.

## PROJECTS

URL Shortener

July 2020

- Created a custom URL shortening service, serving HTTPS requests and returned corresponding URLs.
- Developed with Java, Spring Boot, Redis (query caching), PostgreSQL, Node.js, React, and Tailwind CSS.
- Deployed the service on a virtual EC2 node, running Ubuntu 20.04 LTS, hosted by Amazon Web Services (AWS).

## LANGUAGES

Chinese

Native proficiency

English

Professional working proficiency