

Hung Chu

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EXPERIENCE

Application Developer Intern – Mutual of Omaha • Omaha, NE *May 2019 - Aug. 2019*

- Deployed new password encryption feature into backend infrastructure to improve users' safety and security
- Implemented new cloud-based configuration storage mechanism for seamless synchronization across systems
- Optimized unit tests, integration and functional tests (Java, Groovy, Spock, Spring, YAML)

Software Engineer Intern – Payment Spring, Nelnet • Lincoln, NE *Aug. 2019 - Dec. 2019*

- Implemented error reporting features for API monitoring application (Ruby, Rails, JavaScript, HTML5, CSS3)

Software Engineer Intern – Velocity, Nelnet • Lincoln, NE *Jan. 2020 - Apr. 2020*

- Developed event recording service which stores all system event information in a backend, distributed database (JavaScript, TypeScript, SQL, HTML5, CSS3)

Research Assistant – University of Nebraska, Lincoln • Lincoln, NE *May 2018 – Apr. 2019*

- Built a web-based application that utilizes machine learning to predict students' final grades (JavaScript, NodeJS, Python, AngularJS, ExpressJS, MongoDB, HTML5, CSS3)

Teaching Assistant – University of Nebraska, Lincoln • Lincoln, NE *Jan. 2018 - Apr. 2018*

- Assisted students during office hours with data structures and algorithms questions (C, C++, Data Structures, Algorithms)

PROJECTS

Responsive Website • Lincoln, NE *Aug. 2018 - Sep. 2018*

- Developed an interactive, intelligent and responsive mobile-first website (JavaScript, Bootstrap, HTML5, CSS3)

A Unix Shell • Lincoln, NE *Feb. 2018 - Mar. 2018*

- Built a shell interface that allows users to enter and execute Unix commands (C, C++)

EDUCATION

University of Nebraska, Lincoln • Lincoln, NE • *May 2020*

Bachelor of Science in Computer Science

Relevant Coursework: Data Structure and Algorithm, Object-Oriented Programming, Operating System Principle, Software Engineering, Imperative Programming, Database System, Unix Programming, Computer Networking

SKILLS

Backend Languages: Java, Groovy, C++, C, Python

Frontend Languages: JavaScript, TypeScript, HTML5, CSS3

Technologies: Spring Boot, Amazon Web Services, Microsoft Azure

Frameworks: AngularJS, ExpressJS, NodeJS

Database: MySQL, PostgreSQL, MongoDB

ACTIVITY & HOBBIES

Programming Contests (Google Kick Start), Algorithms and Data Structures, Singing, Swimming