

Chaoyang Zhu

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GitHub: <https://github.com/chaoyang-project>

Objective: Seeking Software Engineer New Grad

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EDUCATION

Texas A&M University

College Station, Texas

- Master of Science in Computer Engineering GPA: 3.83

08/2019 - 05/2022

Nanjing University of Information Science & Technology

Nanjing, China

- Bachelor of Engineering in Internet of Things Engineering GPA: 3.86

09/2015 - 06/2019

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, C, C++, HTML, TypeScript

Frameworks and Technologies: Git, React, Node.js, CSS, Bootstrap, Express, EJS, MongoDB, MySQL, Linux, QT, AWS Cloud9, VS Code, Jupyter Notebook, IntelliJ IDEA

EXPERIENCE

Ericsson | Developer Intern

Austion, Texas 06/2021 - 08/2021

- Collaborated with team to work on a Cloud-based IDE project called the “Cloud-Studio” using React, TypeScript and Git.
- This IDE is where the developers can just start their computer, click on a browser, type a URL and they should be in their development environment. This is a Kubernetes cluster that has the /proj mounted to access tools to run tests and builds.
- Built a signup page for the project. Added “About Cloud Studio” and “Contact us” elements in the Sign in view. Added “Give us feedback” and “Logout” elements in the Discover view. Handled incorrect login message. When the user login fails, an added component will indicate that there was a login failure.

Ericsson | Developer Intern

Austion, Texas 09/2021 - 12/2021

- Implemented delete workspace confirmation popup and delete token confirmation popup with Ericsson Design System.
- Streamlined the path for deleting a running workspace. We don't need to pause it first and then delete it. Instead, we can delete the running workspace once we click on it.
- Added an Open button for a stopped workspace. The Open button will start the container and then open it in a new tab.
- Implemented a token setup wizard for the first-time configuration. It will guide the users to setup their hosts needed for their workspaces.

Tarena | Software Development Trainee

Nanjing, China 01/2019 - 04/2019

- Developed an E-reader application on Android Studio by Java. Provided user with different novels on the home page. Provided them with functions of changing the font size and background on the reading pages
- Developed a Pop Star game application on QT framework by C++. Designed a user-friendly gaming interface. Designed the algorithm to pop stars when the condition holds. Added the sound effects and scoring function when stars are popped.

PROJECTS

To-Do List Application

10/2020 - 11/2020

- Developed a To-Do List web application by Node.js, deploy the server with Heroku.
- Used EJS to generate different HTML web pages for different To-Do Lists.
- Processed the application data with MongoDB, deployed the database to MongoDB Atlas.

Web Development

08/2020 - 09/2020

- Created my personal website using HTML and CSS, hosted it on GitHub Pages.
- Implemented a startup website showing a mobile application using Bootstrap.
- Developed a local blog system by Node.js and Express, connected it with the local MongoDB database.

Search engine

01/2020 - 03/2020

- Tokenized queries and documents, removed stop words and stemming with nltk packages.
- Built an inverted index to support Boolean Retrieval, ranked the documents with TF-IDF and BM25.
- Improved the engine by generating word embeddings for tokens in the dataset using Word2Vec algorithm.

WORK AUTHORIZATION

Eligible to work in the U.S. with OPT