

Jesse Li

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🖱 <https://jesseli751.github.io/Portfolio/>

Education

GEORGIA INSTITUTE OF TECHNOLOGY - 3.93 GPA,
Bachelor of Science in Computer Science

Aug 2019 – May 2023
Atlanta, United States

Professional Experience

Full-Stack Software Engineering Intern, Intuit

Jun 2022 – Aug 2022
San Diego, United States

- Created an API to access, fetch, navigate, commit, and create a PR in repositories integrated with a Github Application using AWS Lambda
- Designed and Created UI/UX to allow non-technical members to remotely manipulate CAAS Configuration files
- Dynamically parsing YAML config files, designed and implemented a custom schema to allow restrictions to UI/UX manipulation permissions

Full Stack Software Engineering Intern, Rebartek

Jun 2021 – Aug 2021
Søgne, Norway

- Used Microsoft Azure Functions to create, manage and optimize a RESTful API, storing, sending, and updating aggregate data.
- Created a Dashboard Overview using MongoDB aggregation pipeline and custom formatting functions with custom parameters for Data Visualisation.
- Utilized a python script to migrate NoSQL database & indexes cross servers
- Used MSAL and created custom backend & frontend middleware for customized and specific roles & permissions linked to Microsoft Azure.

Frontend Software Engineering Intern, Rebartek

Aug 2020 – Jan 2021
Søgne, Norway

- Created the front-end of the Internal Production Web App using React
- Leveraged and manipulated the CSS of existing libraries like Material Design and more to create features like PDF generation based on stored data.

Research & Projects

Meetr (Pre-Launch Startup), Founder, Software Engineer, Product Manager

Aug 2021 – Present

- Recruited and Managed 8 people into an operational cross-discipline team
- Conduct User Interviews, Business Validation & Case Studies for Feature sets
- Created Mobile App utilising React-Native, Firebase & Cloud Functions

C21U Lab Research - Education Improvement, Machine Learning Engineer

Aug 2021 – Dec 2021

- Using collected data from MOOCs, predicted student success by analyzing clickstream data of users.
- Ran large-scale data through a pipeline of data cleansing, feature selection, RNN Machine Learning models, and data visualisation.

Skills

Languages & Frameworks

HTML/CSS/Javascript, Java, Python, C++, Typescript, React, React-Native, REST API, MongoDB, C#

Relevant Coursework & Extracurriculars

Data Structures, Web Development, Mobile Development, Algorithm Analysis, Machine Learning