LAM MAI

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EXPERIENCE

DocuSign - Full Stack Software Engineer — Aug. 2022 – Present
- Develop and maintain DocuSign's Lens **REST-API** that delivers data to **millions of users** on a daily basis
- Improve **QA testing** by taking ownership of the team's test suite using Ruby-on-Rails and ensure **100% coverage**
- Lead data visualization **dashboard development** in Power BI to track and report on **live-site issues** for the API
- Support **architecture change development** from Monolithic to Microservices REST-API to **save operating cost**
- Solved multiple bugs that are persistent for a long time which increase the **stability** of the system and test result **consistency**

DocuSign - Software Engineering Intern — Jun. 2021 – Sept. 2021
- Developed prototype version of **data visualization dashboards** on **thousands of users** DocuSign envelope usage
- Collaborated closely with Lead Engineers and Designers to drive the project to **completion** by the end of internship
- Accumulated highly valuable experience working with large **Monolithic React/TypeScript code base**

EDUCATION

University of Washington — Sept. 2020 – Jun. 2022
Bachelor of Science in Computer Science — *GPA: 3.88/4.00*
Washington State Opportunity Scholarship Recipient

PROJECTS

Personal Website: https://bored.computer | *React, Three.js, React Three Fiber, Emotion.js*
- Developed a **3D web experience** that brings a mind-bending visual while presenting information
- Ensured a **consistent and responsive** experience across all modern browsers including mobile
- Replicated the final result close to **90%** of what is envisioned in the Figma mock design

Sigma Grind | *JavaScript, HTML, CSS*
- Developed a **Web game** based on the Megaman X series with modernized movement mechanics
- Worked in a **team of 4** and deliver the project to **completion in 3 months** as part of a University class
- Created an extremely **fluid player movement system**, resulting in the game being **top 3** by classmates' votes

ChatterBug | *Android, Express.js*
- Developed an **Android messaging app** with weather forecast functionality in a team of 5
- Responsible for creating the **Express.js** web service back-end and the **Android** front-end of the weather forecast functionality
- Integrated **Google Map API** for in-app location selection, which determines where to forecast weather

StruggleMeals | *React.js, Node.js, Python, PostgreSQL, Flask*
- Designed and developed a website that gives the user a **meal plan** for the week given a limited food budget
- Won **best financial empowerment** at Hack the Northeast 2021 with a team of 4
- Continued development after Hackathon with a fully functioning back-end using **Flask** and a **React** front-end

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, C#, C++, Java, Python, SQL (Postgres), Kusto, HTML/CSS
Frameworks: React, Redux, Three.js, React Three Fiber, Node.js, Flask, JUnit, Styled-Components, Emotion.js, Android
Developer Tools: Git, Docker, Google Cloud Platform, Azure, VS Code, Visual Studio, IntelliJ, Vim, Postman
Fun fact: I am extremely proficient at many cards shuffling techniques but I don't know how to play Poker :P