Kyle Tomlin O'Dore

1812 N 40th St, Apt B, Seattle WA 98103-8352 | 206.434.9661 | kyleodore@gmail.com | https://kyleodore.dev/

Experience

SOFTWARE ENGINEERING INTERN – MGM TECHNOLOGY PARTNERS GMBH   **JUNE 2019 – SEPTEMBER 2019**
Đà Nẵng, Việt Nam

· Worked on mgm-tp's internal project "Timension." a time/project/employee management product for all 700+ employees to use in the nearby future. Participated in daily SCRUM meetings, sprint planning, estimations, and retrospectives.

· Primarily backend developer utilizing Java Spring Boot, in addition to JPARepository for ORM, and a Liquibase-Postgres database; also worked on the frontend with NodeJS and React Typescript, utilizing AxiosJS for HTTP requests to connect the features that were developed.

· Implemented a report page to allow certain users to view who in their project had not closed their monthly time-bookings yet. Also partook in data migration and production talks to ensure GDPR requirements were being maintained as well as road mapping future plans for the product.

· Utilized Gerrit in addition to Git for code review and VCS management.

SOFTWARE ENGINEERING INTERN – FPT USA CORP.   **JUNE 2018 – SEPTEMBER 2018**
Seattle, WA, USA

· Designed, presented and got buy off from Project Manager, Lead Developer and rest of team of a new design for an existing NodeJS based WebApp.

· Implemented the UX of the new design including changes to the menu, header and general style, layout and functionality of the app. Responsible for full-stack development, from designing to bug tracking.

· Participated in daily SCRUM meetings and gained experience and familiarity in the SCRUM, SAFe and Agile processes.

· Strengthened knowledge of Javascript, CSS and NodeJS related templates, frameworks and libraries such as Pug/Jade, Express, Underscore, JQuery and Bootstrap. Increased experience with GitLab and Microsoft's Azure Cloud Computing Service for source control and product development. Worked with unfamiliar code to understand the underlying functions of the WebApp and JSON and XML data to be able to expand and modify old design and functionality of the WebApp.

· Laid the frontend groundwork for future updates to link to a backend API that was under production during the internship, increasing the responsiveness and speed of the WebApp through lazy loading.

Education

UNIVERSITY OF WASHINGTON (CLASS OF 2021) – SEATTLE, WASHINGTON   **SEPTEMBER 2017 - PRESENT**
Bachelors of Science

· Major: Applied Physics

· Related coursework: CSE 142, 143 (Introduction to Java Programming I, II), 3.5 in CSE 414 (Databases), 4.0 in COM 200 (Introduction to Communication), 3.5 in MATH 125 (Calculus II), 4.0 in English 297 (Advanced Composition). Current GPA: 3.46

Projects

DURN-BUS-AWAY
· Built an app using Electron and OneBusAway's API for use with a Raspberry Pi and TFT screen to constantly display bus times for a specific stop.

· Used JavaScript, HTML and SASS for the function, structure and design of the application.

· Used Electron-Build for building and packaging the final application.

Skills & Awards

PROGRAMMING SKILLS
· Self-taught in HTML, CSS, SCSS, JavaScript, Node.js, Express, Pug, React, TypeScript, Java, spring boot and experimented with Ruby and Ruby on Rails.

· Familiar with Azure and AWS, Git Source Control, Gerrit, Jira, Jenkins, and Eclipse, Visual Studio Code and IntelliJ.

· Databases class on Amazon ec2, SQL Server (with Azure), SQLite, SQL, SQL++, Relational Databases, schema, logical, and physical design and building efficient and optimal database systems. (CSE 414 at the University of Washington)

· MatLab (AMATH 301), prior experience with R (STAT 311).

LEADERSHIP
· Swim Team Captain (4 years), Volleyball Team Captain (2 years), Self-Created Tech-Based Service Group Leader (2 years), Student Representative Council Executive (2 years, Activities Coordinator then President), Operation Smile (2 years, Vice then Group Leader for school chapter), Facilitator for UniteUW (2 times).

References available upon request