Joshua Lim

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EDUCATION

New York City College of Technology   Brooklyn, NY
Bachelor of Technology in Software Development | GPA: 3.5   *May 2024*

Programming Fundamentals, Web Programming I & II, Database Systems Fundamentals, Object Oriented Programming, Object Oriented System Design, XML Data Representation, Application Development with Database, Project Management, Software Development & the .NET Framework

EXPERIENCE

Unadat, Inc | *Linear, Google Cloud Platform, Git, HTML/CSS/JS, jQuery, PHP, MySQL*   New York, NY
Technical Product Manager Intern   *Mar '24 – April'24*

- Orchestrated the leadership and development of a group of nine Software Engineer (SWE) interns at Unadat, guiding them through agile methodologies and project lifecycles, resulting in a 45% increase in project delivery efficiency.
- Engaged directly with SWEs through midweek huddles and sub-team meetings, addressing impediments and providing support.
- Facilitated main meetings with the CEO and CTO to review progress and strategize for sprint cycles.
- Overcoming challenges in learning new tools (e.g., Linear product management website) and understanding the code base through effective communication and comprehensive notes.

PROJECTS

TechPediaBlogs *Full-stack MERN blogging website (MERN Stack, Editor JS)*
- Implemented Google Authentication for users to enhance security and user experience.
- Designed dynamic blog pages with dynamic URLs for an engaging user experience.
- Implemented a notification system where every interaction on the site generates notifications for respective users.
- Enabled like interactions on blogs and added a comment system with the ability to reply to comments (nested comments).
- Added an edit profile option for users to update social links, bio, and username, along with a password change feature in settings.
- Ensured mobile responsiveness and modern design with fade-in animations on pages for a visually appealing website.

Marginal Tax Rate Calculator (*Java, JavaFX, FXML, Scene Builder, Web API with Postman), Back-end data services*
- Designed and implemented the back-end data services to retrieve tax rate information for each year and filing status.
- Developed a RESTful web API using Java and integrated it with Postman for testing and validation.
- Created a responsive and user-friendly front end using JavaFX and FXML, including radio buttons for year selection and filing status, and a text box for salary input.
- Implemented the logic to calculate the user's marginal tax rate based on the selected options and salary input.
- Utilized a bar chart library in JavaFX to visualize the difference in tax liability across the years.

Auto Rental Point-of-Sales Management System *Database Developer(MS SQL SERVER, MS SQL MANAGEMENT STUDIO)*
- Implemented a subset of the designed database using a combination of Waterfall and Agile methodologies.
- Implemented a subset of the designed database, including the Conceptual EER Model and Normalized Logical Model, showcasing proficiency in database architecture.
- Executed the creation and implementation of the Physical Model Schema in MS SQL SERVER, covering Data Dictionary tables and the schema diagram.
- Skillfully handled the Development & Implementation phase, utilizing MS SQL MANAGEMENT STUDIO to bring the Physical Model to life.
- Conducted rigorous testing and validation of the Physical Model Schema in MS SQL SERVER COMMUNITY EDITION, ensuring robust performance.

Technical Skills

Programming Languages: *HTML/CSS/JS, Java, Python, SQL, TypeScript, C#, PHP*
Technologies/Frameworks: *Visual Studio Code, Apache NetBeans, React, Next.js, Tailwind CSS*
Tools: *Git, GitHub, Postman, SQL Server Management Studio, MySQL*