

Joshua Lim

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Education

New York City College of Technology
Bachelor of Technology in Software Development

Brooklyn, NY
May 2024

Relevant Coursework: 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
Technical Product Manager Intern

Mar '24 – April '24
New York, NY

- Led and developed a team 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 key meetings with the CEO and CTO to review progress and strategize for sprint cycles.

Projects

[TechPediaBlogs](#) | Full-stack MERN Blogging Website (*MERN Stack, Editor JS*)

- Integrated Google Authentication for secure user login and an improved experience.
- Developed dynamic blog pages with unique URLs for better engagement.
- Built a notification system to alert users of site interactions.
- Added like and comment features, including nested replies, for enhanced user interaction.
- Created an edit profile option to update user details and change passwords.

[Marginal Tax Rate Calculator](#) | Back-end Data Services (*Java, JavaFX, FXML, Scene Builder, Web API with Postman*)

- Designed back-end services to fetch tax rate data by year and filing status.
- Built and tested a RESTful API using Java and Postman.
- Developed a user-friendly interface with JavaFX for year selection, filing status, and salary input.
- Implemented logic to calculate marginal tax rates based on user inputs.
- Visualized tax liability differences across years using JavaFX bar charts.

[Auto Rental Point-of-Sales Management System](#) | Database Developer (*MS SQL Server, SQL Server Management Studio*)

- Designed and normalized a database schema using Waterfall and Agile methods.
- Implemented Conceptual EER and Normalized Logical Models for database architecture.
- Created and deployed the Physical Model Schema in MS SQL Server, including Data Dictionary tables.
- Managed development and implementation using SQL Server Management Studio.
- Tested and validated the database schema for optimal performance.

Technical Skills

Programming Languages: HTML/CSS/JS, Java, Python, SQL, TypeScript

Technologies/Frameworks: React, Next.js, Tailwind CSS, .NET Framework

Tools: Visual Studio Code, Git, GitHub, Postman, SQL Server Management Studio, MySQL, Apache NetBeans