John Lee

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EXPERIENCE

Lucas Systems, Software Engineer
Pittsburgh, Pennsylvania, USA, December 2020 - December 2022
- Contributed to the development of server-side microservices using C#/.NET/SQL as well as front-end dashboards using Typescript/Angular
- Worked on Jennifer, a warehouse optimization software solution that improves operational efficiency for warehouse workers by doing real-time analysis of warehouse data and providing optimized voice directions
- Added or modified web APIs to handle client-server messaging between the Angular front-end and C# back-end services, updated events propagated by RabbitMQ to pass data between microservices, created database migrations to update the SQL Server databases when implementing new features, implemented new user voice commands to expand users' warehouse picking functionality, implemented or enhanced UI data grids with Typescript
- Wrote automated unit and system-level tests and worked with the QA team to test features

M*Modal, Software Engineer
Pittsburgh, Pennsylvania, USA, July 2017 - July 2018
- Contributed to the development of a Windows desktop application using C#/.NET and its chrome extension using Javascript
- Worked on Fluency Direct, a voice-to-text software product enabling healthcare professionals to transcribe spoken notes into electronic medical records, enabling efficient documentation
- Made UI updates to the desktop application using XAML, implemented new user voice commands in C#, updated the chrome extension to add or improve interoperability between the Windows desktop application and new electronic medical record systems

SKILLS

Programming: Javascript/Typescript, C#/.NET, SQL
Web: HTML, CSS, Angular
Tools: Git, Docker, AWS, RabbitMQ
Languages: English (native), Japanese (JLPT N1)

EDUCATION

ISI Career and Language Academy, Harajuku
2023-Current

Southern Seminary
M. Div., 2018-2021

Carnegie Mellon University
B.S. Mechanical Engineering, 2012-2016
Minor in Biomedical Engineering