ZHAOTIAN (TIM) LI

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SKILLS

Languages: Typescript, Python, Java, C#, SQL
Technologies: Angular, Mockito, Spring Boot, MySQL

WORK EXPERIENCE

UnitedHealth Group – Optum, Inc   Boston, MA

Software Engineer   *January 2022 - Present*
- Build front-end components and resolve defects for Provider Express and STAR applications using Angular and Typescript
- Write Unit Tests for UI functionality using Jasmine
- Leverage Spring Boot to build back-end APIs and write queries to communicate with database
- Refactor legacy code to be more scalable and reusable
- Utilize Jenkins CI/CD pipeline to ensure projects are successfully built and deployed
- Conduct code reviews to ensure high quality code
- Collaborate with Product Owners and Product Managers to ensure features meet expectations
- Utilize an agile approach to complete goals and milestones for each release

Technology Development Program Intern   *June 2021 - August 2021*
- Developed a new Identity and Access Management web application for building administrators
- Collaborated with other interns and lead engineers to create a new and modern front end for the application
- Collaborated with UX designers to ensure user experience was smooth and intuitive
- Learned and leveraged a new framework, Blazor, to align with our team's .NET technology stack
- Resulted in replacing software licensing and saving $1.4 million per year in vendor and maintenance fees

IMCORP   Manchester, CT

Software Engineer Intern   *January 2020 - July 2020*
- Learned Visual Basic to write a .NET application to mass migrate data sets from legacy databases
- Collaborated with senior engineers and a project manager to ensure data validation
- Resulted in over 800 datasets being imported into new database and retiring legacy database

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PROJECTS

Prescription Reminder (Capstone Project sponsored by Cigna)   *August 2020 – May 2021*
- Android application made with Kotlin and Android Studio, with a Natural Language Processing feature
- Utilizes Firebase and Amazon Web Services (AWS) Lambda to save user data and host functions

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EDUCATION

University of Connecticut   Storrs, CT
School of Engineering, Bachelor of Science - Computer Science   *August 2017 - December 2021*