

Dan Huynh

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EDUCATION

Wilfrid Laurier University

Bachelor's of Science in Computer Science

Waterloo, ON

Sept. 2017 – May 2021

EXPERIENCE

Full Stack Developer (Back-end Bias)

Sept. 2021 - Aug. 2023

Morgan Stanley

Montreal QC

- Redesigned legacy Research Portal Article and related monolithic System Architecture
- Designed and Developed robust and reliable Web Micro Services, RESTful APIs with Spring boot and Core Java. Integrated with other on-site systems, handling production deployments, and lead stakeholder presentations
- Utilized vendor cloud-based infrastructure. Participated in the migration of on-prem solutions to Azure Kubernetes, optimizing scalability and performance.
- Handled Error Handling, wrote back-end services unit and integration test cases with Junit, Mockito
- Participated in Code Review, Sprint planning, Sprint retrospective and Story points estimation

Full Stack Java Web Development Boot Camp

July 2021 - Sept. 2021

mThree/The Software Guild

- Certifies one's knowledge of the foundations of object oriented programming techniques in the Java language with special attention to practical application in corporate environments. Those in possession of this certificate are prepared to pursue a professional career as a junior-level Java developer.
- Relative Skills: Core Java, Object Oriented Programming, Relational Databases and SQL, Spring Boot Rest with JDBC Template, REST Web Services, Spring Boot Full Stack Web Applications

Microsoft Learn: Azure Fundamentals AZ900

2024

Microsoft Certifications

- Demonstrate foundational knowledge of cloud concepts, core Azure services, plus Azure management and governance features and tools.

PROJECTS

Discord League of Legends Rank Chat Bot — github.com/danhuynh1/DiscordLoLRankBot | *Python, Discord*

- Python based program utilizing discord2.py library. Chat Bot will receive Discord Slash Command and fetch Riot League of Legends API and interprets JSON response for Summoner rank and win/lose ratio.

iOS Medicine Reminder App: NotifyMed — github.com/JulChu/NotifyMed | *Swift*

- Developed a user-friendly iOS app to assist patients in accurately tracking their medication intake by leveraging reminders and enabling the logging of medication consumption
- Implemented a unique feature where reminders could only be dismissed through voice acknowledgment, ensuring medication compliance
- Utilized Model-View-Controller (MVC) architecture to transform conceptual ideas into a functional product. Implemented data persistence to store audio files and reminders as data objects locally
- Recognized with Third Place in the WLU 2020 iPhone App Competition.

Java SpringBoot Web Car Dealership App — github.com/junha1532/CarDealership | *Java SpringBoot, ThymeLeaf*

- Using Java Spring Boot MicroServices, MySQL database storage and Bootstrap, Thymeleaf frontend, created a full Stack Web application for a Car dealership, allowing for adding and removing 'car' objects inventory, searching, users and administrative login, generating sales report.

Android Java Exercise Tracker: RepTimeX — github.com/JuliusFan/RepTimeX | *Java, Android Studio*

- Designed and implemented exercises automatic workout scrolling based on designated exercise times and countdown timer
- Implemented service to save custom workouts locally on device using SQLite database

TECHNICAL SKILLS

Languages: Java, Python, C, SQL, JavaScript, HTML/CSS, VBA, Swift, Android

Developer Tools and Frameworks: J2EE, Git, Docker, Azure App Services, Key Vault, Kubernetes, SonarQube, Gradle, Maven, RESTful Services, Spring, SpringBoot, Jenkins, MicroServices, JUnit, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, NetBeans, AWS Computing Services