

James Park

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Experience

Outlier

Aug 2024 – Present

AI Coding Expert and AI Trainer

Remote

- Trained Gen AI models by developing, reviewing, and optimizing coding problems in several programming languages (**Java, Python, JavaScript/TypeScript, C++, Swift, and Verilog**), supporting backend and full stack development.
- Reviewed code, debugged AI-generated solutions, and provided RLHF (Reinforcement Learning with Human Feedback) for accuracy, efficiency, and scalability.

SOTI Inc.

May 2022 – Apr 2024

Sales Engineer

Mississauga, ON

- Led proof-of-concepts and technical demos with excellent communication skills for 50+ enterprise customers, setting up **Azure, AWS, and SQL** servers, configuring **MQTT, RESTAPI, and SNMP** protocol adapters, and troubleshooting connectivity and system-level issues.
- Developed a network port testing tool using **PowerShell**, implemented a custom MQTT setup utility, integrated REST APIs, designed and deployed a secure login page using **C#** and **SQL**, and authored over 10 technical documents, reducing deployment time by **200%**.
- Created custom **JSON, XML, ZPL, and ps1** scripts, and developed an internal web page on **SharePoint** for the entire Sales and Product teams to streamline onboarding and support.

Andorix Inc.

May 2021 – Aug 2021

Client Support Engineer

Toronto, ON

- Developed **SQL** queries and dashboards using **Power BI** and the **C360** analytics platform to enable real-time insights for product features and strategic planning.
- Created custom reports, performed routine backups, and managed support tickets using **ConnectWise**, reducing resolution time by **40%**.
- Configured, circuited, and tested **ONT/OLT** devices, optimizing building operations in smart infrastructure.

YouTube

May 2020 – Present

Videographer and Editor

Remote

- Created software programming tutorials and other videos for 10,000 new users monthly, surpassing 600,000 views.
- Edited using **Adobe Premiere Pro, Adobe Photoshop, Davinci Resolve, Canva**.

Projects

Virtual Dragon Boat Coach | *OpenCap, Python, React, Flask, Postman, TensorFlow*

- Developed a motion analysis tool to provide personalized feedback paddling techniques and prevent injury.
- Built a frontend web interface, integrating API tokens and data processing with **scipy, numpy, pandas, and pytest**

SecureChat | *C++, HTML, JavaScript, CSS, CMake, Swift, PlantUM, Git*

- Developed agile, secure, and encrypted communication channels mobile app to allow authorized users to send and receive messages using a key distribution center (KDC), protecting company secret, providing chat history log.
- Designed authentication, KDC, logging, out-of-office services using MVC II architecture via CI/CD.
- Created business events, viewpoints, specification, use cases, Kanban board, interaction, class diagrams, test plans.

Education

McMaster University

Hamilton, ON

B.Eng. Software and Biomedical Engineering with Co-op

Apr 2025

- Relevant Coursework: Data Structures and Algorithms, Software Design, Databases, Concurrent Programming, Machine Learning, Data Science, Computer Networking, Linear Optimization, Statistical and Numerical Methods

Skills

Languages: Korean (native), English (C2), French (A2)

Programming Languages: Java, Python, C/C++, C#, SQL, JavaScript, HTML5, CSS, Typescript, GraphQL, MATLAB, Golang

Frameworks: NodeJS, Express, React, Angular, Spring Boot, Android SDK, MongoDB, Pytest, JUnit, Flutter, NextJS

Tools: Git, Linux, Docker, Jira, Salesforce, Aha, Latex, VSCode, CMS, Microsoft Office, MySQL, PostgreSQL, Kanban

Certifications: Microsoft Certified: Azure Fundamentals, Google Advanced Data Analytics, Salesforce Essential Training