

JORDAN CHOW

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SKILLS

Languages — C#, Python, JavaScript/TypeScript, HTML, CSS, SQL

Technologies — Angular, React/Redux, ASP.NET Core, Django, Azure, PostgreSQL, SQL Server, Postman, Git

EXPERIENCE

Talka.ai — Software Developer

May 2022–Present

Quest Software — Software Developer

Sep 2021–Dec 2021

- Developed new features for an **Azure**-hosted data management and migration platform, migrating **1M+** files daily
- Spearheaded the implementation of SharePoint's Term Store, integrating server side object models and **CRUD** operations with **Azure**, **SharePoint CSOM API**, **Graph API**, and **JWT** to perform migrations
- Refactored engine code to update objects after data migration, improving **Azure** function efficiency by **25%**
- Developed back-end services integrated into a **CI/CD pipeline** in **.NET Core** to handle pre-processing requests, displaying analytics in the **UI** for multiple terabytes of data

PEER Group — Software Developer

Jan 2021–Apr 2021

- Developed a configurable console application to automate the file transfer process using **.NET Core**, **Selenium WebDriver**, **LiteDB**, and **CrushFTP** to increase workflow efficiency by **50%**
- Led the development of a new employee performance review feature, designing the database schema and migrations in **SQL Server** and optimizing engines in **ASP.NET Core** using **MVC** architecture
- Streamlined the internal absence booking process by developing a **multi-client** calendar dashboard in **Angular**, which boosted efficiency by **20%** and was deployed company-wide

PEER Group — Quality Assurance Specialist

May 2020–Aug 2020

- Successfully generated **200+** test cases, **150+** verified bugs, and maintained a **CI/CD pipeline** for an internal website to improve the absence viewing process for **200+** employees
- Programmed automated test scripts to improve **regression testing** and host-tool connectivity with a graphical test designer, reducing sprint iteration time by over **40 hours**
- Built and executed test plans with **Microsoft Test Manager** for an automated document import tool, expediting project ramp up speed by **25%** in an **Agile** environment

PROJECTS

Autonomous Claw Machine — University of Waterloo

Dec 2019

- Designed and built a mechanical claw machine, using 3D printed parts developed in **SolidWorks**
- Implemented object retrieval functionality based on colour sensor input, with proximity start up and a prize claim feature using **Robot C**, with a success rate of **90%**

Healthy Bridge Web App — Hack the North (API Prize Winner)

Sep 2018

- Developed a web app with **Python**, **Clarifai API** image recognition, and **Facebook Graph Explorer API** to scan a users' Facebook profile and detect early signs of mental health concern

EDUCATION

University of Waterloo — Mechatronics Engineering (BASc)

Sep 2019–Present

Relevant Coursework: Algorithms and Data Structures, Computer Structures & Real-Time Systems, Microprocessors and Digital Logic, Digital Computation, Linear Algebra