Jordan Jamali

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Skills

Languages: Python, Java, C#, JavaScript, C++, HTML/CSS
Technologies: Django, React, Bootstrap, PostgreSQL, SQL, Git, Docker, Adobe CC
Methodologies: Object-Oriented Programming, Agile/Scrum Development, REST

Work Experience

4GL Solutions — Full Stack Software Developer   *May 2021 - Aug 2021*

- Built speed-sensitive interface screens that are used by tens of thousands
- Developed dozens of APIs using **Django**, **Docker** and Oracle
- Created and optimized server logic using **test-driven development** - reduced memory usage by up to **85%** by pre-generating spreadsheet forms and by coming up with optimal algorithms for data management
- Engineered server to accept and write spreadsheet data using **pandas**
- Designed and constructed customized and specialized UI components using **React** and **Bootstrap** to be used across the company
- Pair programmed and participated in code reviews to create quality software

Projects

Intervals — Django, React, PostgreSQL, Docker, NGINX   ⬡

- Created a **web application** in which users can train their musical ear through a progressive quiz based system
- Made use of **Django REST Framework** and **Django's ORM** to create an API complete with user **authentication**, using principles of **test-driven development**
- Implemented frontend designs using **React** and Material-UI
- Containerized application using **Docker** and **NGINX**

JungleDiff — Django, React, PostgreSQL   ⬡

- Developed a **web application** that displays analyses and insights on user gameplay from their League of Legends matches using the Riot Games **API**
- Implemented **REST API** to manage and store player information with **Django** and **PostgreSQL**, and optimized software to minimize server requests to the Riot Games API
- Used Python machine learning library to fit data from users' games to a logistic model of the playerbase's data
- Designed and developed a frontend website using **React** to be both mobile and desktop friendly

Interactive Discord Bot (Oxford Hacks) — Python, mySQL, Adobe CC   ⬡

- Developed an **integrative** workflow for online university students and study groups to track due dates and deadlines through a Discord bot using **Python**
- Handled CRUD operations - parses event name, description, and date, saves it in a **mySQL** database, and returns **human readable** formatted information on demand
- Designed profile icon using **Adobe CC**

Education

University of Waterloo — BASc Candidate, Biomedical Engineering   *Sep 2020 - Apr 2025*

- Cumulative 3.86 / 4.00 GPA

Interests

Writing, Songwriting and Electric Guitar/Bass (Rock Band!), Video Games, Chess, Philosophy