

Jordan Jamali

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Skills

Languages: Python, Java, C#, C++, JavaScript, HTML/CSS, MATLAB

Technologies: Git, MySQL, PostgreSQL, Django, React, Adobe CC

Methodologies: Object-Oriented Programming, Agile/Scrum Development, REST

Projects

JungleDiff — React, HTML/CSS, PostgreSQL, Django 

Dec 2020 - Jan 2021

- Developed **web application** that displays analyses and insights on user gameplay from their League of Legends matches using the Riot Games **API**
- Implemented **RESTful API** format to manage and database player information with **Django** and **PostgreSQL**, and optimized software to minimize server requests to the Riot Games API
- Designed and developed frontend website using **React** to be both mobile and desktop friendly

Email Server and Client — Java 

Sep 2018 - Mar 2019

- Created email server/client allowing users to send, receive, and sort emails; perform CRUD operations
- Applied programming principles including hierarchies, **encapsulation**, **modularism**, **object-oriented** programming, and utilized **linked lists** and **trees** to efficiently manage a large quantity of emails
- Gained significant experience in backend development, data management, and servers

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

Nov 2020

- Developed an **integrative** and **intuitive** way for online university students and study groups to track due dates and deadlines through a Discord bot using **Python**
- Accepts commands to perform 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**

Work Experience

Nest General Contractors — Contractor Assistant

Jul 2017 - Sep 2020

- Provided second opinions to contractor in design and construction of both residential and commercial projects to optimize working efficiency and reduce labour costs and hours by **20%**
- Applied various construction techniques such as drywalling, setting concrete, setting up HVAC while using a wide variety of power tools including table saws, drills, oscillators, nail guns

Waldman & Associates — File Manager

Jun 2015 - Jan 2016

- Categorized, sorted, scanned, and shredded legal files
- Parallelized sorting and scanning system to improve efficiency of file processing by **25%**

Education

University of Waterloo — BAsC Candidate, Biomedical Engineering

Sep 2020 - Apr 2025

- Cumulative 3.88 / 4.00 GPA

Interests

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