

Oscar Li

Student Developer

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SKILLS

HTML • CSS • Python • Javascript • Java • AWS • C++ • PHP • MySQL • React • Tailwind
Bootstrap • Flask • Docker • Firebase • Gradle • Git • Figma • Jira • Linux • RESTful API

PROFESSIONAL EXPERIENCE

Full-Stack Web Developer

09/2023 – 12/2023

Yellowbird Diagnostics, Inc

- Devised a server-side **PHP email script** and implemented full-stack design working closely with startups executive leadership.
- Orchestrated project maintenance and updates via cPanel, managing server hosting to ensure **99.9% uptime and performance**.
- Designed and developed a visually appealing front-end UI using **React, HTML, CSS, and Javascript**.

PROJECTS

SourPlums Discord Bot 🔗

- **Flask based Python** bot using Discord.py library, deployed in a **Docker container** for a maintainable codebase.
- Hosted using a serverless architecture with **AWS Lambda function** for enhanced availability and efficiency.
- Developed a user-friendly website with **HTML, CSS and JavaScript** to serve as a hub for bot functionalities.

PDF Uploader 🔗

- A simple PDF Uploader website enabling PDF uploads to an **AWS S3 bucket**
- Implemented an API trigger for **AWS Lambda function**, generating pre-signed URLs for upload to S3 bucket.
- Added security measures by implementing **token-based authentication**, preventing unauthorized PDF uploads to the AWS S3 bucket.

Personal Website 🔗

- Written in pure **HTML, CSS and Javascript** with ability to download my current resume.

EDUCATION

Honours Bachelor of Science in Computer Science

09/2021 – present

University of Ottawa

Activities and societies: uOttawa Esports, uOBoard Games, Computer Science Student's Association, Hack the Hill Hackathon

ORGANIZATIONS

uOttawa Esports

05/2022 – present

Game Head Executive

- Maintained and updated club website, implementing improvements in **HTML, and CSS** to enhance future functionality
- Ensured long-term sustainability by clearly **organizing and documenting code** for future readability

uOttawa Board Games

Vice-President of Events

- **Booked and scheduled** weekly meetings based on event space availability.
- Co-ordinated event setup efforts and ensured smooth operations during weekly meetings through **member moderation**.