

Oscar Li

Student Developer

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PROFILE

I am current 3rd-year student at University of Ottawa studying Computer science. I am highly involved in school activities, currently holding multiple club executive positions in leadership and administration. With considerable amount of experience in front-end web and full-stack development as well in improving user experiences. Currently learning Amazon Web Services as an interest. Seeking opportunities in cloud development and front-end development roles.

SKILLS

- | | | | |
|--------------|-------|----------|----------|
| • HTML | • CSS | • Python | • Java |
| • Javascript | • AWS | • PHP | • Docker |

PROFESSIONAL EXPERIENCE

Yellowbird Diagnostics, Inc

09/2023 – 12/2023

Full-Stack Web Developer

- Devised a server-side **PHP email script** and conducted full-stack development for the website.
- 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 **HTML, CSS, and Javascript**.

PROJECTS

SourPlums Discord Bot 🔗

- **Python** bot using Discord.py library, deployed in a **Docker container** for a maintainable codebase.
- Hosted using a serverless architecture with **AWS Lambda** for enhanced availability and efficiency.
- Developed a user-friendly website with **HTML, CSS animations 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 triggering an **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.

EDUCATION

University of Ottawa

09/2021 – present

Honours Bachelor of Science in Computer Science

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

CLUB ACTIVITIES

uOttawa Esports

05/2022 – present

Game Head Executive

- Maintained and updated club website, implementing improvements in **HTML, and CSS** to enhance both functionality and user appeal.
- Ensured long-term sustainability by **organizing and documenting code** and adding clear sections for future maintainability.

AWARDS

uOttawa Esports Team of the Year

05/2022

Awarded for exemplary performance in sportsmanship and accomplishments as part of a team.