

# Oscar Li

## Student Developer

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## SKILLS

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

## PROFESSIONAL EXPERIENCE

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### 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

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### 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 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.

### Personal Portfolio 🔗

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

## EDUCATION

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### 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

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### 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.

### uOBoard Games

09/2023 – present

#### 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**.

## AWARDS

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### uOttawa Esports Team of the Year

05/2022

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