

Jad El Asmar

Canadian Citizen · Eligible to work in Canada

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[Website](#) ❖ [GitHub](#) ❖ [LinkedIn](#)

EDUCATION

Computer Science

Graduating June 2026

HBSc @ University of Toronto

- Software Design (A-) • Systems Programming (A-) • Critical Coding (A) • Intro to Programming (A) • Spatial Data Science (A-) • Intro to Computer Science (A-) • Geographic Information Systems (A)

SKILLS

- **Tech Languages:** Python; Javascript; Go; C; Java; SQL; NoSQL; React.js; Node.js; Next.js
- **Tools:** AWS; GCP; PyCharm; IntelliJ; VS Code; Docker; Postman; Jupyter Notebook; Git; Agile; SCRUM
- **Skills:** Learning; Problem-solving; Time Management; Communication; Work ethic; Leadership

WORK EXPERIENCE

Self Employed

Apr. 2021 – Present

Full-Stack Developer

- Founded & developed a successful, **top 0.1% app** on the Discord platform.
 - Managed and provided up-keep for **45,000+ active users**.
 - Designed services to handle **5+ billion** bot interactions with limited downtime.
- Reduced computing costs by 70% on Google Cloud Platform by optimizing VM memory usage.
- Analyzed **700+ million** unique user data points on MongoDB & SQLite to drive increased revenue.
- Managed microservices written in Python, Go & Node.js allow for simple resource scaling.

Accel Web Design

Oct. 2023 – Feb. 2024

Web Developer

- Developed websites for small businesses in the health sector using React.js.
- Held meetings with clients to understand business needs & created unique/specific solutions.
- Optimized for Search Engines (SEO) and Conversion Rate (CRO), increasing business revenue.

Diffcord

Mar. 2023 – Sep. 2023

Co-Founder

- Lead developer for Diffcord.
 - Managed microservices to accommodate **15,000+ users** in **10 days of launch**.
 - Provisioned server resources to support **~550,000 monthly visits** on a limited budget.
- Leader of a 2 person technical team, effectively creating and executing plans under tight deadlines.
- Integrated Stripe and PayPal for secure payment processing and Discord OAuth 2.0 for secure login.

PROJECTS

Fortnite Game Developer

- Developed fortnite maps using Unreal Engine for Fortnite reaching a total of **100,000+ plays**.
- Utilized analytics to track player behavior to enhance user retention and overall success.

FocusPDF

- Developed an AI integrated PDF reader for students to increase study efficiency and retention.