

Zeyad Omran

(825) 994-6267 | zeyad.omran@ucalgary.ca | linkedin.com/in/zeyadomran | github.com/zeyadomran

EDUCATION

University of Calgary

Calgary, AB

Bachelor of Science in Computer Science with Internship Program

Sep. 2019 – May 2024

- Concentration in Human-Computer Interaction.
- Relevant Courses: OOP, Data Structures and Algorithms, Programming Paradigms, Principles of Operating Systems, Computer Networks, Database Management Systems, Human-Computer Interaction, Computing Machinery

EXPERIENCE

Full Stack Developer

Sep 2021 – Present

Tech Start UCalgary

Calgary, AB

- Worked well independently and on a team to solve problems
- Exhibited excellent interpersonal communication skills
- Encouraged unity and mediated conflict
- Functioned with strategic vision and a hands-on approach
- Mentored new developers and ensured they gained valuable knowledge

PROJECTS

SQUIZ | *Typescript, React, Node.js, MongoDB, GraphQL, Docker*

May 2021 – June 2021

- Built a custom API using GraphQL
- Used a NoSQL database to store user login data and scores securely
- Designed and developed a sleek and modern front end using React and Next.js
- Deployed the back-end to a Digital Ocean VPS and the front-end to Vercel

Frogger | *C*

Jan 2021 – Apr 2021

- Remade the classic Frogger game on a Raspberry Pi 4
- Developed a SNES controller driver using GPIO
- Displayed graphics using the Framebuffer

Self-Checkout Station | *Java, Java Swing*

Jan 2021 – Apr 2021

- Led a team of 11 developers to build the software for a simulated self-checkout station using Java
- Mediated conflicts within the team to resolve issues between members
- Utilized an Agile workflow
- Tutored other team members when help or further explanation was required

ZARNA | *Java, JavaFX*

Jan 2020 – Apr 2020

- Developed a simulated desktop banking application using Java and JavaFx with a team of 5.
- Designed and coded a user-friendly GUI that allowed users to easily use the application.
- Wrote Junit tests to ensure a bug-free application

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, TypeScript, C/C++, SQL, HTML/CSS

Libraries: discord.py/discord.js React, Bootstrap 4

Frameworks: Linux/Windows, Git, Next.js, Node.js, GraphQL, JUnit, JavaFX, Material-UI, Java Swing, Postman, Microsoft Office

Developer Tools: Git, Docker, TravisCI, Kubernetes, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

RECOMMENDATION LETTERS

Recommendation letters available upon request