

Fawaz Omidia

403-477-6978 | fomidiya7@gmail.com | [LinkedIn](#) | [My Website](#)

EDUCATION

University of Toronto

Toronto, ON

Bachelor of Science in Computer Science and Astrophysics

Expected Graduation: May 2026

- **Relevant Coursework:** Data Structures and Algorithms, Software Design, Introduction to Python, Programming Principles in C, Theory of Computation, Multi-variable Calculus, Linear Algebra, Discrete Mathematics

TECHNICAL AND PERSONAL SKILLS

Languages: Python, C/C++, SQL (MySQL), JavaScript, HTML/CSS, Swift

Frameworks: React, React Native, Node.js, Flask, Django, Shadcn, Strapi, MongoDB Material-UI, Next.js, TailwindCSS

Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, PyCharm, AWS

Libraries: pandas, NumPy, Matplotlib, Tkinter

Personal Hobbies: Varsity Basketball Captain and Coach, tutoring, Piano and Guitar, Anime

PROFESSIONAL EXPERIENCE

Full Stack Software Engineer Intern

May 2024 - August 2024

Motivz | Javascript, React Native, Supabase PostgreSQL, Auth0, Github, Figma

Toronto, ON

- Designed product road map, program architecture, and UI on Figma
- Implemented user authentication flow using Auth0 and OAuth to verify identities and access user data from database information.
- Integrated algorithms to suggest nearby nightclubs to users using data from user's social network, and user location information.
- Deployed application on TestFlight beta testing to over 50 users using expo build configurations, resulting in useful feedback and reduced crashes by 20%.

Literature Mapping Research Assistant

June 2023 – October 2023

University of Toronto

Toronto, ON

- Utilized data visualization techniques and mapping tools to create visual representations of the relationships between different Computer Science education methods.
- Developed conceptual maps, taxonomies, and graphical models to illustrate the interconnections and dependencies among educational strategies
- Authored a research paper documenting the findings and insights using various literature mapping research papers, collaborated with co-authors to refine the paper, present the research methodology and results, and contribute novel insights to the body of knowledge in Computer Science education.
- Successfully submitted and presented the paper at the SIGCSE Research Symposium, garnering recognition and acclaim from over 500 peers and educators.

FREELANCE PROJECTS

Hair Salon Booking Website | *React, JavaScript, Strapi, RESTful API, Next.js,*

May 2024

- Developed and deployed a full-stack appointment-booking website, serving a REST API and React , resulting in a 45% increase in bookings compared to former booking service Setmore.
- Dynamically fetched customized availability for versatile appointment selections with 30% more efficient load times.
- Cooperated with the business owner to achieve their adjust designs to their liking and implemented modern responsive layouts with succinct React components
- Dispatched confirmation emails for both customer and owner upon booking confirmation using Resend.

ACTIVITIES

UofT NSBE Hack the 6ix Hackathon| *Cohere, Python, Django, React, MongoDB, HTML/CSS*

Feb 2024

- Constructed a fully functional social work chatbot to aid and assist people experiencing housing crisis.
- Facilitated roles between team members to outline project road map under time constraints.
- Enhanced Cohere Large Language Model API to reduce hallucinations by 37% using RAG methodologies.