

Sayma Khan

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Skills

Languages: C++, C, C#, Python, TypeScript, JavaScript, HTML/CSS, SQL, GraphQL, MATLAB, and Java.

Technologies: Node.js, ASP.NET, MongoDB, Angular, React, Bootstrap, jQuery, Figma, Adobe XD, Canva, Hotjar, Asana, Azure DevOps, Microsoft Office, and Git.

Work Experience

Incoming Product Manager/Software Developer Intern | Thomson Reuters Toronto, ON, CA | Jan 2022 – Apr 2022

- Collaborate with cross-functional teams to develop a financial transaction platform with various technologies.

Software Developer Intern | Thomson Reuters Toronto, ON, CA | May 2021 – Aug 2021

- Created a back-end service in **ASP.NET** to make financial forms available in multiple languages for users **worldwide**.
- Utilized **Apollo GraphQL** to retrieve the billing status of each financial transaction from **1.5 million+** consumers.
- Designed reusable front-end features in **Angular** based on customer feedback to optimize payment workflow.
- Initiated a solution to reduce employee turnover with teammates and pitched a proposal to **company executives**.

Front-end Developer | TAMVOES Health Inc. Waterloo, ON, CA | Sep 2020 – Dec 2020

- Developed UX and front-end for **10+** key features using **Figma**, **Bootstrap**, and **jQuery** (e.g, Search, Calendar, etc.).
- Analyzed user data from **Hotjar**, focus groups, and beta tests to determine what UI/UX changes should be made; implemented changes increased website traffic by **450%**.
- Programmed back-end APIs in **Python** to ensure that basic and premium user features functioned correctly.

Junior Software Developer | TAMVOES Health Inc. Waterloo, ON, CA | Jan 2020 – Aug 2020

- Planned and executed customer onboarding workflow with **Figma**, **Canva**, **Bootstrap**, and **jQuery** to ensure optimal user experience of the **MVP**.
- Refactored and transformed the homepage by implementing **UX principles** which boosted conversion rate by **200%**.
- Formed a **marketing strategy** plan and created social media content/newsletters that reached **thousands** of people.

Computer Science Tutor | Academic Enrichment Ottawa, ON, CA | Sep 2016 – Jun 2019

- Taught various Computer Science concepts to students one-on-one in **Python**, **Java**, and **Turing**.
- Composed detailed lesson plans that improved students' academic performances by over **10%**.

Leadership and Management Experience

Representative | Waterloo Engineering Society Waterloo, ON, CA | Sep 2021 – Dec 2021

- Elected by class of **200+** students to represent the cohort by voicing their needs/concerns to society executives.

Mentor | SF Hacks San Francisco, CA, USA | Mar 2021 – Mar 2021

- Coordinated with cross-functional teams to ensure that the event ran smoothly for **860+** attendees.
- Guided **10+** hackers through web development issues they faced when building their projects.

Head of Design | Miscellaneous Ottawa, ON, CA | Sep 2017 – Jun 2019

- Operated development of **40+** graphics by brainstorming ideas with clients and delegating tasks with teammates.
- Integrated marketable **visual design** concepts which led to successfully reaching **2250+** people.

Projects and Activities

Product Manager | JobMaps Jul 2021 – Aug 2021

- Directed the development of an **agile** web application that simplifies the job searching process for students in STEM.
- Wrote a **Product Requirements Document** and other milestones to define logistics based on end users' needs.

Full-stack Developer | Facebook Hackathon (Artificial Intelligence): InterChat Aug 2020 – Sep 2020

- Co-created a **MERN** stack application in which a chatbot ranks candidates' interview responses for recruiters.
- Utilized **Wit.ai** to implement **natural language processing** to recognize certain keywords in candidates' answers.

Education

University of Waterloo | Candidate for B.A.Sc. in Honours Computer Engineering Sep 2019 – Apr 2024

- Relevant Courses: Software Product Management (UAlberta) and Communication in Engineering.