

ABDULLAH KHAN

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EDUCATION

Wilfrid Laurier University + University of Waterloo (Double Degree)

Bachelor of Business Administration (BBA) + Bachelor of Computer Science (BCS)

Waterloo, ON

Expected 2029

EXPERIENCE

Software Developer

Milton, ON

PixelsBoost

Sep. 2025 – Dec. 2025

- Delivered **5 full-stack client websites** to production serving **2,000+ monthly users**, integrating **Stripe** for payment processing (**\$15K+** monthly transactions), Google Maps, and SendGrid email automation while keeping **99.5% uptime**.
- Boosted website performance by **42%** through image optimization and CDN implementation, improving Google Lighthouse scores from **68 to 87** and reducing bounce rate by **18%**, directly impacting client revenue and retention.

Software Engineering Intern

Missouri, USA (Remote)

Fast Webs

May 2024 – Aug. 2024

- Engineered **12 production UI components** across 3 web applications including checkout flows and dashboards, reducing bundle size by **120KB** through code splitting and lazy loading to achieve a **35% performance improvement**.
- Built behavioral event tracking system stored in **PostgreSQL** to capture user interaction data, enabling the product team to identify and action **3 UX improvements**; delivered **18 tickets** across 12 Agile sprints with **100% sprint completion rate**.

Financial Services Representative

Mississauga, ON

Foree Remittance

May 2024 – Nov. 2024

- Served **200+** daily customers with international remittance inquiries, guiding **100+** clients through digital onboarding and mobile app navigation with **100% accuracy**, directly supporting fintech product adoption and customer retention.
- Exceeded monthly sales targets consistently by **15%** through consultative selling; collaborated with team of **5** to cut average customer wait times from **8 to 4 minutes** through workflow process optimization.

PROJECTS

Attack Surface Growth Simulator (ASGS) [\[GitHub\]](#) | Python, React, FastAPI, SQLAlchemy, NumPy, SQLite, Recharts, Pydantic

- Built full-stack security risk modeling tool calculating attack surface scores (**0–100**) across **5 threat categories** by normalizing system metrics including endpoints, users, and MFA adoption, generating ranked driver breakdowns with actionable recommendations to support executive resource allocation and strategic decision-making.

LEADERSHIP & COMMUNITY INVOLVEMENT

Business Strategy Case Competition – 2nd Place

Waterloo, ON

Wilfrid Laurier University, BU111

Nov. 2025

- Developed mobile app revamp strategy for **Cineplex** targeting **25,000+** incremental monthly visits through AI personalization and gamified promotions; led team of **5** analyzing Canada's **\$2.1B** theatre industry for **57%** market leader, identifying youth disengagement as key growth lever.
- Designed recommendation combining push notifications and QR-code rewards projected to generate **\$120K NPV** and **26,254** additional monthly visitors through behavioral nudges and habit formation loops.

Lead Event Organizer

Waterloo, ON

University of Waterloo, Muslim Students' Association

Sep. 2025 – Present

- Plan and execute campus events for **200+** attendees end-to-end, managing venue logistics, vendor negotiations, promotional campaigns, and day-of operations across multiple concurrent events each semester.

Vice President, Chair Club

Milton, ON

Bishop P. F. Reding Catholic Secondary School

Sep. 2023 – Jun. 2024

- Led **150+** volunteers across **15+** events with budgets totaling **\$8K+**; grew student engagement by **40%** through strategic event planning, targeted marketing, and cross-functional partnerships with administration.

Community Volunteer

Multiple Locations

HIWT, Milton Magic, ICCM (Milton), Best Buddies Canada, Mass Foundation (Gaza Food Bank)

May 2020 – Present

- 1,000+ hours** across food distribution, youth soccer coaching, Islamic community support, and peer mentorship.

SKILLS & AWARDS

Business: Financial Analysis, Market Research, Strategic Planning, Data Visualization, Excel, Power BI, Tableau, PowerPoint, Project Management, Stakeholder Communication, Team Collaboration

Technical: Python, JavaScript, TypeScript, SQL, React, Node.js, FastAPI, PostgreSQL, APIs, Git/GitHub, Docker, Pandas, NumPy

Awards: NASA Space Apps Challenge – Galactic Problem Solver (2023) | Honour Roll – All Four Years of High School