

Elisa Goncalves

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Education

Queen's University
Bachelors of Computing

- Dean's List Honours 2023-2024

Kingston, Ontario
Expected Graduation: April 2027

Skills

Technical Languages: Java, Python, Assembly, C, HTML, SQL, Javascript, Bash, Typescript
Developer Technologies: Git, AWS, Tailwind CSS, Figma, MySQL, Firebase, Google Cloud, Linux
Libraries/Frameworks: React.js, Node.js, Next.js, Angular, Django, Bootstrap

Relevant Work Experience

CrowdStrike May 2025 - Present
Technical Account Management Launch Intern

- Develop customer-facing analytics dashboards via Tableau and automate reporting tools using **Python/REST APIs** to enhance client communication, while adhering to enterprise security standards for **Windows Server** environments.
- Assist the Cybersecurity team in pilot programs by troubleshooting technical issues, documenting processes, and providing customer-facing support, improving stakeholder satisfaction through clear communication.

Intelligent Assistive Technology Lab, University of Toronto April 2025 - Present
AI/ML Research Intern

- Develop and optimize machine learning models (Gradient Boosting, Random Forest, Logistic Regression) to predict AgeTech adoption success in older adults, achieving **94.5% accuracy** with the best-performing Gradient Boosting model using scikit-learn.
- Conduct comprehensive model evaluation across accuracy, precision, recall, and F1-score metrics on **500** synthetic samples, performing SHAP analysis to identify digital literacy and caregiver support as top predictive factors.

Extracurriculars

Queen's Web Development September 2024 - Present
Co-Chair

- Manage website domain, deployment, and development projects across **20+** teams, while overseeing educational workshops for **60+** students on **React.js, Git, Node.js, MongoDB**, and other developer tools.
- Lead strategic decision-making, event planning, budget allocation, and grant applications while managing the executive team and overseeing recruitment for a **500+ member** community.

Queen's Women In Computing April 2025 - Present
Web Developer

- Lead website updates and feature redesigns using **React, Javascript, Next.js, and Tailwind CSS**, enhancing user experience and interface components.
- Develop new features through cross-functional teamwork and prototyping UI components in Figma before implementation.

Queen's University Computing Students' Association July 2024 - April 2025
Workshop Coordinator

- Organized professional development workshops and competitions (e.g., resume, LeetCode, interviews) for **150+** computing students while facilitating workshop materials and resources in collaboration with guest speakers.

Projects

Study Buddy AI | Next.js, React, DynamoDB, AWS IAM, Firebase, Google Cloud, Tailwind CSS, Anthropic API

- An AI-powered study platform that generates flashcards and practice quizzes based on user file upload.

Tamsactions | Javascript, React.js, Node.js, Typescript, Firebase, Google Cloud, Tailwind CSS, Stripe API

- A web application for Queen's University students to sell their extra TAMs (trade-a-meal credits) in exchange for money at a reduced price.

MedTime | Java, Python, Django

- A web application that encrypts users' medical information and provides reminders for appointments/prescriptions.

Kart Racing | Unity, C#

- A beginner-friendly version of kart racing with different objectives, optional difficulty/game settings, and character customization.