

# DANIEL MARKUSSON

+1 (647) 339-0777 | [markussondan@gmail.com](mailto:markussondan@gmail.com) | [www.danielmarkusson.net](http://www.danielmarkusson.net) | [in](#) LinkedIn | [G](#)itHub |  
Toronto, Canada

## OBJECTIVE

Full-stack developer with hands-on experience in AI research, robotics, and personal finance applications. Proven ability to lead multidisciplinary teams, delivering complex projects to successful outcomes.

## EDUCATION

- **University of Toronto** 2029 (expected)  
*Bachelor of Science in Computer Science* Toronto, Canada
- **Crestwood Preparatory College** 2025  
*Secondary Education* Toronto, Canada

## AWARDS

AP Scholar with Honours Award · Ontario Scholar Certificate · Diplôme d'Études en Langue Français (B2) · Academic Achievement Award

## EXPERIENCE

- **Royal Bank of Canada** [\[🌐\]](#) 2025  
*Innovation Developer Intern (return offer from previous term)* Toronto, Canada
  - Built a full-stack platform for Apollo SREs that cut proxy deployment from 9h to 90m (83% faster), saving 2,200+ engineer hours annually.
  - Delivered React.js front-end (RIG), Go/PostgreSQL backend for 6,000+ Apigee proxies; ensured scalability with Jest test suites.
  - Awarded 'most innovative solution'
- **Royal Bank of Canada** [\[🌐\]](#) 2024  
*Innovation Developer Intern (1 of 40 selected from 1,100+ applicants)* Toronto, Canada
  - Built an onboarding platform reducing setup by 40+ hours per hire; modernized developer portal UI with RBC's design framework.
  - Partnered with DevOps and designers to refine portal functionality; presented results to CTO and senior execs.
- **Vexo Labs** 2025  
*Co-Founder & Lead Developer* Remote
  - Shipped full-stack React Native personal-finance app with Firebase auth, Plaid bank integration, and AI-driven financial insights.
  - Built modular TypeScript/RN-SVG components; led product direction across UI/UX, investor pitches, and roadmap; utilized agile practices.
  - Ensured reliability via Jest + React Testing Library test suite.

## PROJECTS

- **A Minimal Approach to Fake News Detection** [\[🌐\]](#) 2024  
*Research Paper* [\[📄\]](#)
  - Published preprint proposing lightweight ML model (XGBoost), achieving 71% classification accuracy on engineered text features.
  - Built and processed dataset with pandas; tuned models via gradient boosting and evaluated with ROC/confusion matrices.
  - Presented findings at Polygence Symposium, demonstrating strong research communication and academic writing skills.
- **Advanced Robotics Club** [\[🌐\]](#) 2022–2025  
*Founder and Captain of Team Canada* [\[📄\]](#)
  - Founded and scaled club; secured \$5,000 worth of sponsorships and recruited 12 active members through outreach and mentorship.
  - Led Canada's team twice at [RoboCup Junior Lightweight Division](#) in 2023 (France) & 2025 (Brazil); designed autonomous soccer robots.
  - Directed hardware/software/media subteams; built navigation and computer vision systems; interfaced with low-level components; documented codebase on GitHub for continuity.

## SKILLS

**Programming Languages:** Python, C++, JavaScript/TypeScript (React.js & React Native), Java, Go  
**Frameworks & Tools:** Jest, GitHub, Pandas, XGBoost, RBC RIG, Google Apigee, Backstage, Firebase  
**Misc:** Machine Learning (gradient boosting, feature engineering), Full-stack development, DevOps collaboration, Academic publishing, Agile framework

## COMMUNITY

**Model United Nations Club:** Captain · **North York Lions Basketball Team:** Captain · **Various Musical Groups:** Drummer & Bassist · **Crestwood Preparatory College Camping Trip:** Counsellor