

# Lucas Rocchetti

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## EDUCATION

### University of Toronto

Toronto, ON

Honours Bachelor in Computer Science & Information Technology

Expected Graduation: June 2026

– GPA: 3.78/4.00 | Dean's List

– Relevant Coursework: Data Structures, Algorithms, Operating Systems, Machine Learning, Artificial Intelligence

## TECHNICAL SKILLS

**Languages:** Python, Java, C++, C#, JavaScript, TypeScript, SQL, HTML, CSS

**Frameworks:** React, Node.js, FastAPI, pandas, NumPy, scikit-learn, PyTorch, Tailwind CSS

**Tools:** Git, GitHub, Docker, Supabase, PostgreSQL, SolarWinds, Bash, pytest

**Cloud/OS:** AWS, Azure, Google Cloud, Vercel | Linux, Unix, macOS, Windows

## PROJECTS

**WinLane.GG** ▶ | *React, TypeScript, Python, FastAPI, Supabase, Riot Games API*

Apr 2026 – Present

– Engineered a champion counter-pick platform tracking **170+** **League of Legends** champions, computing **head-to-head win rates** across **5 roles** and all matchup combinations using the **Riot Games API**.

– Built a **scheduled data pipeline** that ingests live match data, aggregates per-matchup win rates by role and patch version, and writes pre-computed results to **PostgreSQL**, eliminating per-request API calls.

– Designed a **composite ranking algorithm** weighting head-to-head win rate, sample size confidence, and role-adjusted performance to surface statistically reliable counter-pick recommendations in under **5 seconds**.

**NHL Player Dashboard** ▶ | *React, Recharts, NHL Public API, Vercel*

Apr 2026

– Accelerated **player scouting workflows** by building a **dynamic search interface** that fetches and renders **real-time career and game-log stats** across **23,000+** **NHL players** using the NHL public API.

– Improved **data legibility** for non-technical users by designing **interactive Recharts visualizations** including season-over-season trend lines and per-game bar charts — with toggleable stat filters and hover tooltips.

– Delivered a **production-ready** sports analytics tool by deploying a **fully client-side React app** on **Vercel** with live API integration, player headshots, and responsive dark-theme UI.

**PathwayR** ▶ | *React, Node.js, Supabase, Vercel*

Jan 2026 - April 2026

– Grew platform to **4+** **universities** by building a **full-stack** research opportunity connector with **role-based dashboards**, application tracking, and custom student profiles, resulting in an active multi-institution user base.

– Reduced **fraudulent registrations** by implementing **institutional email verification** and a manual approval pipeline for professor and mentor accounts, strengthening platform trust and data integrity.

– Enabled **real-time status updates** for **hundreds of concurrent users** by architecting authentication and live data flows with **Supabase**, deployed on **Vercel** for zero-downtime scalability.

## EXPERIENCE

### Gartner Inc.

Toronto, ON

*Software Engineer Intern*

Dec 2024 - April 2025

– Contributed to the **backend development** and **QA testing** of **AskGartner**, a **generative AI** enterprise platform powered by **LLMs** and Gartner's proprietary research data, supporting a client-facing product deployed to thousands of **C-level** users globally.

– Automated **infrastructure monitoring** for **360+** wireless access points across a **6,000+** attendee enterprise conference by developing **Python** scripts to track device health and flag anomalies via **SolarWinds**, reducing **manual oversight overhead** by an estimated **30%**.

– Improved **network reliability** across a multi-floor conference venue by configuring **SSIDs**, **VLAN segmentation**, and **PoE** provisioning on **360+** APs, achieving **zero reported downtime** throughout the event.

### Google Developer Student Club — UTM

Mississauga, ON

*Software Engineer Member*

Sept 2025 - April 2026

– Led a team to deliver a **live club website** under **hackathon time constraints** by building a **React-based** platform showcasing events and tournaments, deployed on **Vercel**, meeting all deadline requirements.

– Improved **team delivery speed** by collaborating with business analysts to scope requirements and owning core frontend features through **Git-based** pull request reviews.

### City of Mississauga — Paramount Fine Foods Centre

Mississauga, ON

*Technical Operations*

Jun 2023 - Present

– Supported **production teams** across high-profile events including **Raptors 905**, **Scotties Tournament of Hearts**, and **OHL** games by coordinating **technical setup**, stage transitions, and **A/V infrastructure** for venues with **5,000+** attendees.

– Maintained **operational continuity** during **live event production cycles** by managing **floor-level technical logistics** and acting as a real-time communication link across **5+** departments.

## AWARDS & CERTIFICATIONS

**Dean's List** — University of Toronto, CGPA 3.78/4.00

Dec 2024

**Entrance Scholarship** — High Distinction (3.9/4.0), University of Toronto

Sept 2021

**Harvard CS50** — Introduction to Computer Science

Aug 2023