

# MARCELO PONCE

Toronto, ON

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## EDUCATION

### University of Toronto

*Honours Bachelor of Science (HBSec) in Computer Science, Minor in Mathematics*

Mississauga, ON

*Sep. 2019 – June 2025*

### Relevant Coursework:

*Computer Security, Introduction to Information Security, Programming on the Web, Introduction to Software Engineering, Introduction to Algebraic Cryptography*

## PROJECTS

### CTF427 ◇ *VirtualBox, PostgreSQL, Docker, CTFd, Express, Kali Linux*

*Jan. 2025 – March 2025*

- Designed a competitive Capture the Flag (CTF) event designed to teach students about common security vulnerabilities, exploit techniques and challenges (SQLi, Cryptography, Vulnerable Executables, Forensics)
- Developed Challenges using various programming languages and tools.
- Created a web-based platform using CTFd to host the event.
- Taught students how to use Kali Linux as well as standard Linux tools for relevant challenges.

### jules-ferguson.com ◇ *Node.js, Express, HTML/CSS, Vercel, Render, GitHub Actions*

*June 2024 – Ongoing*

- Built a personal website for Jules Ferguson, a Toronto-based photographer and sexual health educator.
- Coordinated alongside client for site design and functionality.
- Developed a RESTful API using Node.js and Express.
- Integrated GitHub Actions for CI/CD.
- Hosted on Vercel and Render.

### Opalescence ◇ *Go, PostgreSQL, Redis, Docker, GitHub Actions, Google OAuth2.0.*

*Jan. 2024 – April 2024*

- Worked in a team of 7 to design and build a web-based sharable note-taking application.
- Implemented a RESTful API using GoLang (GinGonic) and PostgreSQL (GORM), with hosted Redis for caching.
- Integrated GitHub Actions for CI/CD.
- Google OAuth2.0 for user authentication.
- Hosted on Vercel, Render, and ElephantSQL.

## TECHNICAL SKILLS

**Programming Languages:** Python, C/C++, Java, Go, SQL, HTML/CSS, JavaScript

**Tools & Technologies:** Docker, RESTful APIs, LaTeX, React, Node.js, Redis

**IDEs & Editors:** Vim, Visual Studio Code, Eclipse

**Version Control:** Git, GitHub

**Databases:** PostgreSQL, MySQL, SQLite, Cassandra

**CI/CD:** Github Actions

**Other Skills & Tools:** Linux, Data Modeling, Automated Testing, Amazon Web Services (AWS) Agile Development, Scrum

## WORK EXPERIENCE

### Barista

*March 2023 – Present*

*Claudia's Coffee*

*Toronto, ON*

- Prepared custom espresso drinks and specialty seasonal beverages in a fast paced environment, making up to 45 drinks per hour.
- Maintained and cleaned equipment daily, ensuring machine longevity and beverage quality.
- Adjusted espresso grind at various times throughout the day to maintain consistent shot quality.
- Opening and closing independently of supervision, cash handling, ordering inventory, arming alarms.
- Developed relationships with customers, connecting management with local businesses.

### Barista

*Jan. 2022 – March 2023*

*Touti Gelati*

*Toronto, ON*

- Prepared over 30 beverages and desserts daily, maintaining high quality and presentation standards.
- Enhanced customer experience by providing tailored recommendations for gelato and specialty drinks.
- Managed inventory for daily operations, ensuring availability of ingredients during peak hours.