MARCELO PONCE

Toronto, ON

(587) · 718 · 6272 ⋄ marcelo.ponce@mail.utoronto.ca ⋄ github.com/marceloponceardon

EDUCATION

University of Toronto   Mississauga, ON

Honours Bachelor of Science (HBSc) in Computer Science, Minor in Mathematics   *September 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.