Quincy Garcia

quincygarcia1 | quincygarcia1@gmail.com | quincy-garcia7 | 647-574-6106

Work Experience

ENVIRONMENT & CLIMATE CHANGE CANADA | Web Development Intern, Corporate Services and Finance Branch
May 2023 – September 2024

- Developed Azure Functions for serverless applications to be used by environmental regulators and business authorities.

- Consistently delivered additions and improvements to API endpoints for three separate client-facing applications while revitalizing frontend components.

- Implemented data management and transfer programs after directing self-study for design approaches.

- Collaborated with other interns to create an ExpressJS backend for an internal-use platform that managed organization assets.

FUTURPRENEUR CANADA | IT Intern
July 2022 – August 2022

- Worked alongside a mentor to correct front-end issues in JQuery.

- Performed proper code tests and modified website elements in HTML and CSS to improve user experience.

- Provided proper documentation and explanations for code added to production.

Projects

CONTRIBUTIONS TO UNIVERSITY TEACHING APPLICATION PORTAL |
Typescript, React, Postgres, Docker
January, 2025 - Present

- Responsible for quality-of-life and functionality improvements for an application portal used across University of Toronto Faculties.

- Expanded backend features for course instructors to facilitate a more intuitive application approval process using test-first development.

- Adjusted and refactored existing React components to provide superior ease-of-use for end users.

HURRINET | Python, Jupyter
December, 2024

- A transformer network modeled to predict hurricane factors using statistical data and reanalysis maps.

- Studied previous research approaches with a small student team to iterate and build on effective models.

- Achieved a testing accuracy that outperformed models that had inspired model architecture decisions.

Skills

PROGRAMMING

Proficient:
C# • HTML & CSS • Python • JavaScript • SQL

Experienced:
C • Java • TypeScript • NoSQL

LIBRARIES & FRAMEWORKS
.NET • React • ExpressJs • Django • Pytorch • TensorFlow

ARCHITECTURE & DEVELOPMENT TOOLS
SQL Server • CosmosDB • Azure • Azure DevOps • Git

PROFESSIONAL
Good communication skills • Strong worker both independently and in groups

Education

UNIVERSITY OF TORONTO
BSc. Candidate in Computer Science
September 2020 - Present, Expected Graduation June 2025 | Mississauga, Ontario

COURSE EXPERIENCE
Neural Networks & Deep Learning

Data Structures & Analysis

Software Engineering

Parallel Programming

Software Tools & System Programming