Quincy Garcia

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Software Engineer with 16 months of professional experience and multiple large-scale personal projects.
Skilled in API and web development for cloud-based and on-premises applications with a speciality in C#, ASP.NET, and ReactJS. Seeking to grow and contribute strong problem-solving skills in a full-time role.

SKILLS

Skills: C#, Python, Java, C, JavaScript, TypeScript, HTML & CSS, Postgresql, SQL Server, NoSQL, ASP.NET, Entity Framework Core, ReactJs, Django, Pytorch, TensorFlow, Docker, Azure, Azure DevOps, Git, Good communication skills, Strong independent and team player, Agile Development Methodology Expertise

EXPERIENCE

Maplemark Media
Software Developer | November 2024 – Present

- Interface with small-business clients to solve technical blockers relating to website development and web service configuration.
- Led the full software development life cycle of internal web applications for the firm using Node.Js and TypeScript.
- Design and implement client and internal websites using ReactJS.

Environment and Climate Change Canada
Web Applications Developer (Intern) | May 2023 – September 2024

- Spearheaded development of ASP.NET data management modules, webforms, and REST APIs, enhancing existing large-scale web applications used by thousands of third-party authorities and municipalities.
- Developed Azure Functions and frontend components for the organization's first cloud-based data submission applications, collaborating with cross-functional teams on design.
- Designed and automated data management and transfer programs in C#, Entity Framework Core, and SQL Server for production databases, applying newly acquired design methodologies to improve scalability and data integrity.

PROJECTS

Student Developer for the University of Toronto Teaching Application Portal
TypeScript, JavaScript, React, Postgres, Docker | January 2025 – May 2025

- Implemented applicant information editing features and usability improvements for a University of Toronto application portal, under departmental supervision.
- Expanded backend REST APIs in Node.js and TypeScript to streamline the application approval process using storage queries for new fields and updated security roles to enforce proper authentication.

Hurrinet
Python, Jupyter Notebooks | January 2025 – May 2025

- Studied previous research approaches with a small student team to iterate on a hurricane prediction machine learning model.
- Achieved a testing accuracy within 10% of the research standard model and a mean average error of 11.4 knots for wind predictions after three weeks of development, outperforming three of the models that inspired the work.

EDUCATION

University of Toronto
HBSc. in Computer Science, Minor in Mathematics | 2020 – 2025
Courses Taken: Neural Networks & Deep Learning, Data Structures & Analysis, Software Engineering, Parallel Programming, Software Tools & System Programming