

Anthony Nguyen

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EXPERIENCE

Rocket Mortgage Canada | **Software Developer**

Mar 2022 – Apr 2025

Windsor, ON

- Built client mortgage portals and internal tools using **C# .NET** on backend and **Angular** on frontend
- Developed and maintained microservices and REST APIs in **C# .NET**
- Wrote unit tests and conducted end-to-end testing to ensure software quality and functionality
- Stood up services and infrastructure in **AWS** using **Terraform** and **Kubernetes** (helm charts)
- Built and maintained an event-based system that syncs data between databases and systems improving agents' efficiency
- Designed **System Architectures** and proposed solutions for features, including enabling users to upload documents, replace DocuSign with a custom application, user portal account invites, using **AI/LLM** to accelerate document reviewing
- Led the development of onboarding third-party brokers into our mortgage pipeline, successfully onboarding 1000 brokers and 15 brokerages
- Worked in **Salesforce** to add custom configurations (fields, flows, objects) and custom code using **Apex**
- Provided **on-call** support and resolved system and business workflow issues to ensure smooth operations
- Leveraged AI/LLM tools like GitHub Copilot to accelerate development and improve code quality

University of Windsor | **Undergraduate Teaching Assistant**

Sept 2020 – Dec 2021

Windsor, ON

- Assisted with **instructing** undergraduate courses and **marking** assignments and examinations
- Held office hours and labs to assist students in understanding course material and reinforce learning concepts
- **Courses:** Data Structures & Algorithms, Object Oriented Analysis/Design, Intro to Programming & Algorithms

Statistics Canada | **Software Developer Intern**

Jan 2020 – Aug 2020

Ottawa, ON

- Maintained an internal **VB .NET** software that organizes, validates, and generates statistical data about Canada
- Assisted in researching in migrating local internal software systems to the cloud and setting up CICD pipelines

DuroByte Inc. | **Software Developer Intern**

May 2019 – Nov 2019

Windsor, ON

- Developed plugins for a **collaborative robot** using **Java** and **Python**
- Independently built plugins that control a custom robot stepper motor attachment and camera calibration for aligning the robot's arm for autonomous operation
- Created **VBA** scripts to verify and repair data in Microsoft Excel spreadsheets

EDUCATION

University of Windsor

Sept 2017 – June 2022

B.S Computer Science Honours | Minor in Mathematics

- Major Average of **92.5%**
- President's Honour Roll & Dean's List
- Graduated with **Great Distinction**

SKILLS & TOOLS

PROGRAMMING

C • C# • Python • Java • Apex • HTML
• CSS • TypeScript • JavaScript • SQL
• .NET • Angular • React • Next.js

TOOLS & OTHERS

Git • GitHub • Postgres • Salesforce
• AWS • Kubernetes • Postman
• Terraform • CircleCI • NUnit • Node
• npm • UML Diagram • GraphQL

AI

Prompt Engineering • ChatGPT • GitHub
CoPilot • Claude Code • LLM Integration
• v0 by Vercel