

# Godfrey Cortez

4B Computer Engineering | University of Waterloo

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## Skills & Qualifications

**Programming** - Javascript/Typescript, Java, SQL, C, C++, C#, Python, HTML/CSS

**Frameworks** - React/Redux, Angular, Spring Boot, JQuery, Express (Node), Mocha, Bootstrap

**Tools** - PostgreSQL, MySQL, Git, Visual Studio Code, Linux, Docker, Kubernetes

## Experience

### Software Developer Co-op, Replicant, Toronto

Sept. 2021 - Dec. 2021

- Developed several voice bots to automate contact centers in a variety of industries using Typescript
- Participated in code reviews on a daily basis to ensure that code didn't contain any bugs and met the specified requirements
- Estimated and planned work to be done during the sprint through the use of JIRA tickets

### DevOps Engineer Co-op, Scotiabank, Toronto

Sept. 2020 - Dec. 2020

- Worked on the bank's CI/CD pipeline within the PLATO (Platforms) group using React and Spring Boot
- Improved the user experience by adding new features such as adding a search function to a deployment's log, modifying and adding new emails which notified users the status of their deployment, and correcting UI/UX bugs
- Held lunch & learns on agile and communication within the workplace, such as user story splitting and the bullwhip effect

### R&D Developer, International Financial Data Services, Toronto

Jan. 2020 - April 2020

- Built a full stack web application (proof of concept) using Angular, Java Spring Boot, and PostgreSQL to improve the environment provisioning process for developers
- Experimented with technologies such as a Kubernetes and NGX-Graph to prototype architectural solutions, significantly reducing the time required to deploy new testing environments

### Software Engineer Co-op, Scotiabank, Toronto

May 2019 - Aug. 2019

- Rebuilt a web application using React and NodeJS, helping to manage the cashflow regarding internal and external deals
- Redesigned components of the original Java application into more testable, easy to understand, and overall more maintainable components

### Software Developer - Innovation Squad, Scotiabank, Toronto

Sept. 2018 - Dec. 2018

- Developed a chatbot using NLP.JS, a natural language processing framework, which aggregated trading data allowing equity traders to easily query information significantly improving the speed of their workflow
- Developed a separate REST API to facilitate communication between an Oracle database and the app
- Worked in an agile environment following best practices for software development such as test-driven development, pair programming, daily stand-ups, and regular code reviews

## Projects

- Learning how to develop in Unity to make games
- Created a personal website with the use of Bootstrap which acts as a companion to my work experience and projects; hosted on Azure and backed by Cloudflare ([godfreycortez.com](https://godfreycortez.com))