Jarrod Servilla

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EDUCATION

University of Toronto
Computer Science Specialist, Mathematics Minor   Sept 2017 - Jan 2022
GPA: 3.42

SKILLS

Programming Languages:	Java, JavaScript, Python, HTML/CSS, PHP
Frameworks:	React, Django, Express, Spring, jQuery
Databases:	PostgreSQL, MongoDB, Neo4j
Tools:	Git, Docker, Postman, Figma

WORK EXPERIENCE

Technology Analyst Intern   May 2021 - Present
Citi   July 2020 - August 2020

- Migrated legacy infrastructure from monolithic architecture into microservices
- Architected full stack data-entry applications using **Angular** & **Java**/**Spring**
- Prototyped portfolio management service proposal with **React**

Full Stack & Data Developer Intern
Citylitics Inc.   August 2020 - April 2021

- Re-architected querying engine using **React**, **CSS**, and **Redux** leading to 150% productivity increase
- Implemented RESTful APIs using **Django** to allow for storage of consumer data, leading to 30% increase in size of key dataeset in just 90 days
- Wrote tests verifying standard user flows and edge cases using **JavaScript**/**Jest**, increasing code coverage to 98%

Teaching Assistant
University of Toronto   Jan 2020 - Present

- Developed microservices assignment using **Java** backend APIs with a **JavaScript**/**React** frontend, built and deployed with **Docker**
- Provided technical mentorship for multiple full stack projects over a 4-month scrum development cycle
- Answered questions on course forums with 1000+ students, with 3rd highest contributions amongst TAs

PROJECTS

Assignment Marking SaaS *React, Express, Node.js, Flask, Docker*

- Developed frontend using **React**, allowing course staff to configure and enqueue marking jobs
- Engineered Dockerized microservices with **Node.js** and **Express**
- Wrote documentation using **Swagger UI**

PostureAI *React* (200 monthly active users)   https://postureai.tech/

- Implemented web application with **React** that periodically checks user's posture using computer vision
- Deployed to **Google Cloud with CI/CD** using **Github Actions**
- Received **Best Use of Google Cloud** at UofTHacks VIII

CollabCloud *PostgreSQL, Express, React, Node.js*   https://github.com/collabcloud

- Constructed a social network for software engineers to host projects and find collaborators
- Managed project to resolve dependencies between user stories and manage workload
- Conducted code reviews to ensure quality and consistency between codebase changes