

Jarrood Servilla

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EDUCATION

University of Toronto

HBSc Computer Science, Mathematics Minor
GPA: 3.44

Sept 2017 - Dec 2021

SKILLS

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

WORK EXPERIENCE

Technology Analyst Intern

CitiGroup Inc.

May 2021 - Aug 2021

July 2020 - August 2020

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

Head Teaching Assistant

University of Toronto

Jan 2020 - Present

- Developed microservices and API gateway assignment using **Java** backend APIs with a **React** frontend
- Provided technical mentorship for multiple full stack projects over a 4-month scrum development cycle

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 dataset in just 90 days
- Wrote tests verifying standard user flows and edge cases using **Jest**, increasing code coverage to 98%

PROJECTS

ULinks.io *React, Express, Node.js, GraphQL*

<https://ulinks.io/>

- Created an open source group chat collection website servicing **1500 users**, allowing students to get connected within their school community
- Developed full stack features including recommendations, authentication, and internationalization.
- Setup **CI/CD** of frontend and backend servers using Vercel and Heroku

TA Application System *React, Node.js, PostgreSQL*

<https://utapcsc.utm.utoronto.ca/utap/>

- Developed features for application management, improving the TA selection process
- Resolved 2000+ accessibility issues to achieve WAI-ARIA compliance
- Integrated E2E testing into **CI/CD** process using **Cypress**

PostureAI *React*

<https://postureai.tech/>

- Implemented web application with 200 monthly active users utilizing **React** that periodically checks user's posture using computer vision
- Received **Best Use of Google Cloud** at UofTHacks VIII