Jarrod Servilla

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WORK EXPERIENCE

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

- Engineered full stack applications to enable new product features from dashboards to data viewers
- Aggregated vital raw data using data crawlers and scrapers
- Automated deployments, testing, and monitoring using **Jenkins** and **GCP**

Teaching Assistant
University of Toronto Mississauga   Jan 2020 - Present

- Conducted labs and provided assistance to students during lecture activities
- Marked midterm and final exams at a rate of 20 submissions per hour
- Answered questions on the course forums, with 3rd highest contributions amongst TAs
- Courses: Software Engineering, Intro to Programming, Intro to Computer Science

Summer Technology Analyst Intern
Citi   July 2020 - August 2020

- Worked as lead programmer on a portfolio management service proposal built with **React**
- Transformed business requirements and customer experiences into tech-ready user stories

Social Robotics Programmer
Perception, Action, Language Lab   May 2019 - Dec 2019

- Implemented psychology experiments involving subject/robot engagement and user input
- Designed the UI/UX of the PAL Lab website ⚭

PROJECTS

University of Toronto Automarker API *React, Node.js, Flask, Docker*   ⚭

- Added a SQL automarking extension to UofT Automarker System where instructors/TAs can pull student submissions from various sources, automark them, and check for plagiarism
- Developed Admin site with React where course staff can enqueue & configure marking jobs
- Managed CI/CD for project repository using Docker & Gitlab

CollabCloud (CSC301) *PostgreSQL, Express, React, Node.js*   ○

- Created a social network for software engineers to host projects and find collaborators
- Worked as the project manager to resolve dependencies between user stories and manage workload
- Features implemented: project creation, forum, user profile, project, project requests, and notifications features
- Conducted code reviews to ensure quality and consistency between codebase changes

Ext2 File System (CSC369) *C*

- Implemented mkdir, cp, rm, and hard/soft links within the ext2 file system specification
- Maintains synchronization with stability across thousands of synchronous operations

EDUCATION

University of Toronto
Computer Science Specialist, Mathematics Minor   Sept 2017 - Present
Expected Graduation Date: January 2022

Dean's List Scholar - awarded for achieving 3.5+ GPA

SKILLS

Programming Languages:	JavaScript, Python, Java, C, PHP, HTML/CSS, Kotlin
Technologies:	React, SQL, Redux, jQuery, Spring, MongoDB, Neo4j
Tools:	Git, Jenkins, Docker, Figma, Adobe XD, VS Code, Eclipse