

Jarrood Servilla

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WORK EXPERIENCE

Full Stack & Data Developer Intern

WatrHub 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 (CSC108, CSC148)

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 students questions on the course forums

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 leveraging **Furhat API**
- Designed the UI/UX of the PAL Lab website 🌐

PROJECTS

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

HarMoney (UofTHacks) MongoDB, Express, React Native, Node.js



- Built using **React Native** to streamline the process of splitting payments within a group
- Created design mockups and implemented frontend features such as home screen, room creation, and payment flow
- Setup frontend/backend connection with **Express** and **Node.js** to authenticate users and process payments

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

Additional Hackathons Attended: Hack The North, HackThe6ix, ETHUofT, PCHacks

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/Tools: React, Git, SQL, Redux, Django, Express, jQuery, MongoDB, Neo4j