

Jarrold Servilla

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EDUCATION

University of Toronto

Computer Science Specialist, Mathematics Minor *GPA: 3.35*

Sept 2017 - May 2022

Relevant coursework: Introduction to Data Structures & Algorithms, Operating Systems, Software Design, Introduction to Databases, Software Tools and Systems, Intro to the Theory of Computation, Computer Organization

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

SKILLS

Programming Languages: JavaScript, Python, Java, C, PHP, HTML/CSS, Kotlin

Technologies/Tools: React, Express, Node.js, jQuery, MongoDB, SQL, Git, VS Code, IntelliJ, Eclipse

WORK EXPERIENCE

Perception, Action, Language Lab

Social Robotics Programmer

May 2019 - Present

- Implemented conversational and behavioural robot experiments using Furhat API
- Developed a React web application for researchers to run robot actions remotely
- Designed the UI/UX of the PAL Lab website (psycholinguistics.ca/pal)

Teaching Assistant (CSC148)

University of Toronto Mississauga

Jan 2020 - Present

- Provided assistance to students during lecture activities
- Answered students questions on the course forums

Cash Office Manager

NoFrills

August 2016 - Jan 2018

- Supervised and trained junior cashiers
- Counted and processed tills into system

PROJECTS

CollabCloud *PostgreSQL, Express, React, Node.js*

<https://github.com/collabcloud>

- Created a social network for software engineers to host projects and find collaborators
- Worked as the product owner to resolve dependencies between user stories and manage workload
- Implemented the project creation, forum, user profile, project, project requests, and notifications features
- Conducted code reviews to evaluate and refactor code

HarMoney *MongoDB, Express, React Native, Node.js*

<https://github.com/matthuynh/harmony>

- Designed and created the front-end for a web application built with React Native with the purpose of streamlining the process of splitting payments
- Connects to back-end with Express and Node.js to authenticate users and process payments

Ext2 File System C

- Implemented mkdir, cp, rm, and hard/soft links within the ext2 file system specification
- Maintains synchronization utilizing mutexes across multiple threads issuing thousands of commands

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

CAMPUS INVOLVEMENT

Head Tournament Organizer *UTM Esports*

- Organized and promoted competitive gaming events, attracting 40 entrants on average
- Wrote a Python script to create League of Legends teams based on solo/duo teams, ranking and roles

References available upon request.