

# Jarrold Servilla

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<https://www.linkedin.com/in/jarrold-servilla/>

## EDUCATION

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### 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

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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

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### Summer Technology Analyst intern

*Citi*

July 2020 - Present

- Worked in an Agile team built around a microservice-oriented architecture
- Collaborated with a team of engineers to build software solutions for consumers
- Transformed business requirements and customer experiences into tech-ready user stories

### Social Robotics Programmer

*Perception, Action, Language Lab*

May 2019 - Present

- Implemented conversational and behavioural robot experiments using Furhat API
- Designed the UI/UX of the PAL Lab website ([psycholinguistics.ca/pal](https://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

## PROJECTS

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### 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

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### Head Tournament Organizer UTM Esports

- Organized and promoted competitive gaming events, attracting 40 entrants on average

*References available upon request.*