

620 Park Ave  
STE 259  
Rochester, NY 14607

# RUBY C. SULLIVAN SHE/THEY

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## WORK EXPERIENCE

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**Researcher, Co-op** **Simone Center, RIT** **Spring 2021**

- Performed customer discovery and product validation for a technology education start-up.
- Coordinated a group of student researchers from a variety of science and engineering backgrounds.
- Created and delivered technical and investment presentations.

**Software Engineer, Co-op** **Bryx, Inc.** **Summer 2016 – Winter 2016**

- Designed and developed new web-based applications for first responders.
- Maintained public website and performed level 1-2 tech support.
- Personal project laid the groundwork for a new product.

**Lead Coding Instructor** **ICanCode Club** **Fall 2015 – Fall 2018**

- Taught students 1st-12th grade the basics of programming with the use of game design, robotics, and animation.
- Created and distributed curriculum for 100+ students in both short-term and long-term lesson programs.
- Listened to and incorporated the needs of students and parents into individualized lesson plans.

## EDUCATION

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**Rochester, NY** **Rochester Institute of Technology** **August 2014 – May 2021**

- B.S. in Computer Science w/ Minor in Software Engineering | Honors: Magna Cum Laude
- **Major Coursework:** Concepts of Computer Systems; Software Engineering Foundations; Programming Language Concepts; Analysis of Algorithms; Cryptography; Data Communication & Networks; Data Management; Parallel & Distributed Systems; Data Mining; Data Cleaning & Preparation
- **Minor Coursework:** Software Process & Project Management; Engineering of Software Subsystems; Human Centered Requirements & Design; Web Engineering

## TECHNICAL EXPERIENCE

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### Projects

- **Laser Electronics** (2020). Business website for a family member's company. Javascript, React, Gatsby, Node.js, AWS
- **WoolBrain** (2016). Esoteric language interpreter built in unmodified Minecraft. Used to teach programming language concepts to grade school students.
- **BudgetManager** (2014). Algorithmic budgeting tool built for a high school research project and continued in college. Java, SQL, XML

## ADDITIONAL EXPERIENCE AND AWARDS

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- **Volunteer (2016-present):** Organized and/or volunteered for multiple charity speedrunning events, such as Games Done Quick, RPG Valkyries, and Power Up With Pride.
- **Alumnus, Computer Science House (2014-present):** Living learning community focusing on technology and professional development at Rochester Institute of Technology.
- **President's Recognition, ASMS (2014):** One of 6 students to receive a distinction from the school president at graduation. Received recognition due to academic drive and technological aptitude.

## LANGUAGES AND TECHNOLOGIES

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- Java; Javascript; React; jQuery; Python; C; Ruby on Rails; JSON; XML; LaTeX
- Visual Studio; MySQL; MATLAB; pandas; Node.js; NodeCG; Gatsby; Jekyll