

# Fares Mohamed

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## EDUCATION

**University at Buffalo, School of Engineering and Applied Sciences**

**Buffalo, NY**

*B.S in Computer Science*

*May 2022*

## PROJECTS

**Class – Software Engineering**

**Buffalo, NY**

*Shout-Box Chat App*

*Spring 2022*

- Social media site where user-created accounts can message, befriend and “shout” to all users

**Internship – CLAT**

**Buffalo, NY**

*In-House Browser Extension*

*Fall 2022*

- Pre-production Command-Line web scraper that fetched cheapest prices from major retailers

**Personal – Investigating Power**

**Buffalo, NY**

*Government-Type Simulation*

*Fall 2021*

- Simulation to gauge the effectiveness and longevity of republics and dictatorships

**Class – Introduction to Microprocessors**

**Buffalo, NY**

*Simple Flow®*

*Spring 2020*

- Command line game programmed in MIPS that emulated the popular game Flow®

## WORK EXPERIENCE

**CVS Health Inc.**

**Buffalo, NY**

*Intern*

*Aug 2022 – Oct 2022*

- Created a web-scraper which collected price data for the purposes of market research
- Proposed ideas in meetings that would eventually make it into the final design
- Utilized and learned various portions of a full stack technology base from the web interface to the database

**University at Buffalo, Campus Living**

**New York, NY**

*Resident Advisor*

*Aug 2021 – Sep 2022*

- Interviewed and assessed the merits of candidates vying for paraprofessional positions
- Supervised a coed floor of 30 student residents
- Served on an on-call duty rotation as the after-hours primary contact for 500 residents
- Provided ample references to campus resources to enhance mental, social and physical health
- Conducted fun, educational, informative and budget-friendly programs for residents
- Handled incidents that flouted campus policy and mediated conflicts between residents

**The Coder School**

**Syosset, NY**

*Code Coach*

*Jun 2020 – Sep 2020*

- Taught kids grade K-10 computational and logical thinking via programming
- Engaged students with a growth-mindset rapport and inspiring, forward-looking attitude
- Designed lessons and projects according to educational needs of students
- Monitored and motivated students as they completed projects and pursued educational goals

## SKILLS

- Java
- Python
- C/C++
- HTML/CSS
- JavaScript
- MySQL
- VSCode
- Visual Studio
- MIPS Assembly
- Git/Github
- Unix/Linux
- g++