

# Mohammed (Momo) Hossain

929-245-3775 ♦ momo@momohossa.in

<https://momohossa.in> ♦ [github.com/momohossain](https://github.com/momohossain) ♦ [linkedin.com/in/momohossain](https://linkedin.com/in/momohossain)

---

## EXPERIENCE:

2020 - Present

### Microsoft

Redmond, WA

Software Developer Intern

- Worked in the Microsoft Security Response Center team under Cloud + AI Security
- Researched cross-site scripting attacks and measures to prevent them
- Identified vuln. in the JavaScript postMessage() API usage using Semmle CodeQL
- Found previous, present, and new vulnerabilities that were triaged
- Secured full-time position through the COVID-19 pandemic
- Studied unique networking and communication skills due to COVID-19
- Learned Semmle CodeQL and extended JavaScript/TypeScript knowledge

2019

### IBM

Cambridge, MA

Full Stack Software Developer Intern

- Worked on IBM Security's official SOAR platform, known as Resilient
- Helped migrate JavaScript code into TypeScript by ironing out 207 compilation errors
- Detected and resolved Java-related bugs in the core Resilient codebase
- Installed IBM AppScan on the Resilient Jenkins instance
- Learned JavaScript, TypeScript, and Docker

2018 - 2019

### Syncurity

Rochester, NY

Integration Engineer

- Worked on writing integrations for Syncurity's SOAR platform, known as IR-Flow
- Wrote, updated, and tested API wrappers for enterprise tools
- Used frameworks to implement use-case specific action scripts and services
- Showcased projects to establish partnerships with other companies
- Learned SQL, Markdown, Systemd, and Bash
- Completed over 50 different projects

---

## PROJECTS:

### Affordable

- Attempted to help reduce food waste
- Created a native app as a platform for restaurants to sell food surplus at a discount
- Used React Native, TypeScript, Node.js, MongoDB, Google Maps SDK, Google Places API

### Projects Website for the Computer Science House

- A website for members of CSH to blog about their personal projects
- Used Java as a backend, Spark as a server, and HTML/CSS as a frontend

---

## EDUCATION:

2016 - 2020

### Rochester Institute of Technology

Rochester, NY

**Major:** Bachelor of Science in Computer Science

**GPA:** 3.14

---

## SKILLS:

**Proficient:** Python, Java, MIPS Assembly, SQL, Vim, Linux, Git, Markdown, HTML/CSS, APIs

**Familiar:** C, Bash, Systemd, Prolog, JavaScript, TypeScript, Docker, React Native, CodeQL

---

## ORGANIZATIONS:

2019 - Present

**Society of Software Engineers [SSE]**

Rochester, NY

2017 - Present

**Computer Science House [CSH]**

Rochester, NY