



## CONTACT


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 TheLocust3

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 40 Leon Street, Boston, MA 02115

 Available for Co-op starting January 2020

## EDUCATION

Northeastern University, Boston, MA

BS in Computer Science

First Year Student

Expected Graduation: 2022

## DEV SKILLS

**Skillful:** Scala, React, Javascript, HTML/CSS, Java, Ruby

**Proficient:** NodeJS, Python Lua, AWS Services

**Familiar:** C, Rust, Elasticsearch, PostgreSQL, Spark

## CLUBS

Northeastern Toastmasters

Husky Startup Challenge

Entrepreneur Club

FRC Team 4761 (high school robotics)

## VOLUNTEERING

Mentor at the Clubhouse Network

FIRST Lego League Coach for Middle school students

FIRST Robotics Field Reset volunteer

## TECHNICAL EXPERIENCE

### Threat Stack - Data Engineering Intern

*Boston, MA - May 2019 to August 2019*

- Worked as a data engineering intern in a cybersecurity company
- On team tasked with building out event search using real-time streaming/batch processing applications processing billions of events, and Elasticsearch
- Was given the responsibilities of a full software developer, dealt with highly distributed systems and a microservice architecture

### CandidateXYZ - Founder

*Reading, MA - March 2018 to September 2018*

- Worked full time over the summer of my senior year to build out the company and find customers for my product
- Built a web app designed to remove the artificial barriers of running for local political office
- Automated campaign finance laws and made it easy to register to run for office.

### Talla - Web Development Intern

*Boston, MA - June 2017 to August 2017*

- Worked as a software engineering intern at a chatbot machine learning startup
- Built out a data annotation platform that would allow them to import Slack conversations and rate whether Talla's (their chatbot) response was correct or not and what it should be.
- This allowed their data scientists to rapidly improve their product and allowed them to outsource data annotation to those outside the company, speeding up the rate at which they could build their product.

### Nutonian - QA Engineering Intern

*Boston, MA - June 2016 to August 2016*

- Worked as a QA Engineering Intern at a general purpose machine learning startup
- Built their performance testing suite which allowed them to track their API performance over time
- Maintained many fully automated Selenium tests, learning how to develop strong automated browser tests and testable websites.

### CloudHealth Tech - Software Engineering Intern

*Boston, MA - June 2014 to August 2015 (over two summers)*

- Worked as a software engineering intern in a cloud management startup
- Developed an invoice generator for customers
- Involved in all phases of software development from implementation to deployment, and participated in an Agile team

## PROJECTS AND CREATIONS

### Custom CPU Emulator

- Emulates a custom CPU with a limited instruction set, and built an assembler for the CPU
- Designed a custom CPU and made hundreds of design decisions for the custom stack
- Currently working on higher-level languages and more functionality

### Intel 8080 Emulator

- Developed an Intel 8080 CPU emulator in C
- Emulates the Intel 8080 CPU based on the original Intel specification
- Fully tested instruction set and CPU interrupts