

# Cathleen Zhang

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✿ Available: July - December 2020 | 🏠 696 Columbus Ave #5623, Boston, MA 02120

## SKILLS

### Programming Languages

C	Python
Java	HTML
C++	CSS
x86 Assembly	React Native

### Software

Git	Vim
Linux	Bash
JetBrains IDE	

### Spoken Languages

Chinese (Mandarin) Spanish

## EDUCATION

### Northeastern University, Boston, MA

Sept. 2018 – Present

Khoury College of Computer Sciences

*Bachelor of Science in Cybersecurity*

CyberCorps Scholarship for Service

Dean's List

GPA 3.6/4.0

**Relevant Coursework:** Object Oriented Design, Algorithms & Data, Computer Systems, Software Vulnerabilities & Security, Networks & Distributed Systems, Theory of Computation, Law & Ethics Digital Tech

### Bernardino Rivadavia Secondary Institute

Córdoba, Argentina

Sept. 2017 – May 2018

Rotary Youth Exchange

### Seven Lakes High School, Katy, TX

Class of 2017

## INTERESTS

Baking	Rock Climbing
Cooking	La Casa Del Papel
Avatar the Last Airbender	

## PROJECTS

### Simple Linux Virus - Academic Project

December 2019

- Created a self propagating program that infects ELF executables in the current directory
- Prints "Hello! I am a simple virus!" after the program executes

### Mini-Shell - Academic Project

October 2019

- Built a version of a command-line interface that implemented several commands (e.g., pipe '|', cd, news)

### E-Mission - WHACK Hackathon

Nov. 2018

- Won MassCEC Best Clean Transportation Hack and Best Use of Google Cloud Platform
- Created an Android app in Android Studio with Java and XML
- Worked on implemented the Google Maps and Locations and OS API

## WORK EXPERIENCE

### Generate - Build Studio Developer, Northeastern University

Present – May 2020

- Implemented API calls from the frontend to backend on the *Butter* application

### CS Teaching Assistant - Fundamentals of Computer

Science 1, Northeastern University

Sept. 2019 – Dec. 2019

- Supervised weekly labs and assisted students with lab materials
- Managed weekly office hours and assisted students in homework and understanding lecture topics
- Reviewed and graded student's code and graded code following a rubric

### Scout Labs - Strategist, Northeastern University

Jan. 2019 – May 2019

- Collaborated with Roxbury Youthwork's GIFT Program to implement ways of communication with their constant growing alumni