

# Edward Li

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## EDUCATION

### Northeastern University

Graduation: May 2021

Khoury College of Computer Sciences, GPA 3.7/4.0

*Candidate for a Bachelor of Science in Computer Science*

- **Courses:** Software Development, Building Extensible Systems, Algorithms, Object Oriented Design, Computer Systems, Logic and Computation, Probability and Statistics, and Discrete Mathematics
- **Honors:** 3x Dean's List, Dean's Scholarship
- **Activities:** Publicity Chair for NUHacks, Husky Competitive Programming member, NUStage Pit Orchestra

## EXPERIENCE

### Technical Support Engineer Co-op

January – May 2019

Akamai Technologies

Cambridge, MA

- Prevented denial of services and performance dips through proactive case management (~10 cases/day)
- Wrote a WebEx Teams chat bot to notify employees when to stop taking new cases
- Wrote a Python script that crawls through servers, and emails users about their unused large files
- Co-designed a Django project with another co-op to help train 7,500+ employees at Akamai

### Tutor for Fundamentals of Computer Science 1

Sept 2018 – Present

Northeastern University Khoury College of Computer Sciences

Boston, MA

- Hold office hours on a weekly basis for the 500 fundamentals students
- Grade about 15 homework assignments for first year Computer Science students weekly
- Field questions daily on the online forum Piazza and through e-mails
- Answer questions, grade quizzes, and teach in weekly labs

## SKILLS

- **Programming Languages:** Java, Python, NodeJS, React, Racket, C, HTML, CSS, Assembly
- **Systems:** GNU/Linux, Windows, Mac OS
- **Misc:** Bash, Git, Github, SSH, Emacs, cURL, Yarn, NPM, Django, Flask, Jekyll, Vim

## PROJECTS

#lang SBL (Racket, Rosette):

<https://2over12.github.io/ConstraintLang/docs>

- A functional symbolic execution language which provides the ability to define functions that can take both concrete and symbolic values on the fly and predict their results

SearchNEU (React, NodeJS):

<https://github.com/ryanhugh/searchneu>

- A React/Node based website to facilitate easier searching of classes in Northeastern
- Added missing class attributes, class subjects, and fees to the scrapers
- Added information to search pipeline and modified the frontend to accommodate for new information
- Currently working on expanding notification functionality to be more modular and intuitive for end users

## ACTIVITIES

### Drum Corps: The Cavaliers

2016-Present

- Spends summer traveling country, packing, loading own gear on tight schedules, for rehearsals and shows
- Mentors rookies through peer leadership, veteran members show rookies the ropes through 16-hour days

**Languages:** English (*Native speaker*), Mandarin Chinese (*Fluent*), Spanish (*Beginner*)

**Interests:** musicals, music composition, PC building, basketball, eSports, poker