

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:** Former Publicity Chair for NUHacks, Husky Competitive Programming, NUStage Pit Orchestra

COMPUTER SKILLS

- **Programming Languages:** *Familiar:* Java, Python, NodeJS, React, Racket, C, HTML/CSS, Assembly
- **Systems:** (Arch) GNU/Linux, Windows, Mac OS
- **Programs:** Bash, Emacs, Git, IntelliJ, Vim, Eclipse, Atom, DrRacket, VirtualBox
- **Misc:** Github, SSH, cURL, Yarn, NPM, Django/Flask, Jekyll

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

- Grade about 15 homework assignments for first year Computer Science students weekly
- Field questions daily on the online forum Piazza and through e-mails
- Hold office hours on a weekly basis for the 500 fundamentals students
- Assist professors and teaching assistants in weekly labs

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. Personal contributions include: adding missing class attributes and fees to the scrapers, adding subject information to search pipeline, and modifying the frontend to accommodate for newly scraped 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
- Peer leadership, veteran members show rookies the ropes, assist on 16-hour days

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

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