

# JASON LU

16 Francis Drive | Upton, MA, 01568 | lu.jaso@northeastern.edu | (617) 735-7972

Github: <https://github.com/jasonlu6>

LinkedIn: <https://www.linkedin.com/in/jasonlu123/>

Available: May 2021

## EDUCATION

**Northeastern University, Boston, MA**  
**Khoury College of Computer Sciences**

Candidate for Masters of Science

Related Coursework: Programming Design Paradigms,

Algorithms, Web Development, Foundations of Software Engineering

**GPA: 3.56**

Sept 2018 - present

Expected Graduation: May 2021

**Boston University, Boston, MA, Dean's List (2018)**

Bachelors of Arts, Computer Science

May 2018

Related Coursework: Web Technology, Software Engineering, Computer Systems

## TECHNICAL KNOWLEDGE

**Languages:** Python, C, Java, C++, HTML, CSS, MySQL, iOS Swift, JavaScript, Ruby, TypeScript, Bootstrap

**Software / Systems:** Linux / Unix, Angular, React, Node.js, MEAN Stack, IntelliJ, Eclipse, Jupyter Notebook, Selenium

**Technologies:** MongoDB, Vim text editor, Amazon Web Services, WordPress, git version control, CodeQL, express

**Office Skills:** Microsoft Word, Power Point, One Note, Excel, ShareLaTeX typewriting, Visual Studio Code

## WORK AND RESEARCH EXPERIENCE

**Custom Floors Design Inc., Stoneham, MA**

May – Aug 2019

Web Design and Developer Intern

- Built a website using WordPress plugins to market company showroom products
- Led requirement gathering meetings for multiple users for a team

**Softworld Group, LLC, Brookline, MA**

May – Jul 2018

Web Design Intern

- Created responsive design website to promote STEM educational research

**CIDAR LAB, Boston, MA**

Mar – Aug 2017

Synthetic Biology Research Developer

- Established a robot automation system with Python OS for university stakeholders
- Increased lab pipetting productivity by 50% with error detection mailing system

## ACADEMIC PROJECTS

**PlageWatch**

Sep – Dec 2020

**Northeastern University**

- Constructed a TypeScript plagiarism detection system with AST node traversal and UI
- Fully tested with unit and integration tests with 100% code code and code quality assurance

**Film Finder**

Jan – May 2020

**Northeastern University**

- Assembled robust recommendation engine system for the best streaming movies and films
- Front-end consisted of React Native and back-end consisted of database query with The Movie DB API

## INTERESTS & AWARDS

- BU UROP (Undergraduate Research Opportunity) Award, NUTV, Global App Initiative