

# Brendan Le

Junior at Brown University with a passion for machine learning, web development, and mathematics.

## EDUCATION

### Brown University, Providence, RI

2016 - 2020

Pursuing a Bachelor of Science in Applied Math and Computer Science. Graduating May 2020. Current GPA: 4.0/4.0

### Relevant Coursework

Artificial Intelligence, Machine Learning, Computer Vision, Deep Learning, Modern Web Applications, Software Engineering, Computer Systems, Computational Semantics, Recent Applications in Probability and Statistics, Algorithms, Databases, Computational Linear Algebra

## EXPERIENCE

### Undergraduate Research Assistant

FALL 2018 - PRESENT

Member of the Human Computer Interactions (HCI) research lab. Working on Sketchy, a sketch analysis platform.

### Teaching Assistant for CSCI 1470/2470

FALL 2018 - PRESENT

Undergraduate teaching assistant for CSCI 1470/2470 Deep Learning. Designed and wrote grading scripts for homework projects. Currently holding weekly offices hours and lab hours.

### Undergraduate Research Assistant

SPRING 2017 - PRESENT

Research Assistant under Dr. Xi Luo. Created a web application to visualize algorithms and machine learning results.

Received the Undergraduate Research and Teaching Award (UTRA) from Brown University to work on web based neuroimaging analysis tools.

### Teaching Assistant for PHP 2650

SPRING 2017, SPRING 2018

Teaching assistant for the graduate level class Statistical Learning and Big Data. Created a web portal for students to submit assignments to be automatically evaluated and posted on a leaderboard. Held weekly office hours.

### Freelance Web Developer

SUMMER 2015

Designed and created web pages for clients over the Internet. Also converted .psd wireframes into web pages with HTML and CSS.

1000 NW 184th Street  
Ridgefield, Washington

Brendan\_Le@brown.edu  
(360) 606-3839

## SKILLS

### General Skills

Full Stack Web Development, Linux, Git, Latex, Data Structures, Regular Expressions, Algorithms, Bash/Shell

### Languages

Java, Python, JavaScript ES6, Matlab, SQL, x86 Assembly, C, C#

### Web Development

Node.js, Django, Angular.js, React, jQuery, MongoDB, SQL, Typescript, Gulp, Bower, HTML5, CSS3/SASS, Responsive Design, AJAX, Websockets, d3.js

### Game Development

Experiences with GameMaker Studio and Unity.

## EXTRACURRICULARS

Brown-RISD Game Development

## LINKS / PORTFOLIOS

### Web Portfolio

<http://brendanmle.com>

### Github

<http://github.com/leb2>

## REFERENCES

### Xi Luo

[xluo@stat.brown.edu](mailto:xluo@stat.brown.edu)

(401) 863-6321