

# Isabelle Li

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## Education

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### Wellesley College, Wellesley, MA

May 2020

Candidate for Bachelor of Arts in Computer Science

- **GPA:** 3.89/4.0
- **Relevant Courses:** Intro to Computer Programming, Calculus 2, Data Structures, Machine Organization, Combinatorics and Graph Theory, Logic

## Skills

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**Languages:** Java // Python – pandas, matplotlib, seaborn, plotly // Javascript – React, jQuery

## Tech Experience

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### Computer Science Tutor at Wellesley College

Sept. 2017 – Present

- Tutoring 5 hours a week for Intro to Computer Programming course

### Researcher at Wellesley College

May 2017 – Jul. 2017

Computer Science Department, Wellesley MA

- Submitted paper as **first author** to workshop reporting on preliminary results and analyses of procedures
- Analyzed how users utilize procedures by using **Python** visualization libraries, such as **pandas**, **matplotlib**, **seaborn**, and **plotly**
- Performed exploratory data analysis on two different groups of users and more than **1.5 million projects** in total

### Intern at Uplift Together

Dec. 2016 – Jan. 2016

Remote internship

- Designed website using **Javascript** and **jQuery** that identifies microaggressions and educates users through different scenarios
- Won **first place** for project at Wellesley Hackathon and received remote internship to continue work

## Projects

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### Course Scheduler | [Link](#) | [Github](#)

Aug. 2017

- Designed a Wellesley course scheduler using **React** that maps user-selected courses onto a weekly calendar
- Scraped all course information using **Selenium** and organized into a JSON file with **Python**
- Used by over **800** students

### Reddit Bot

Aug. 2017

- Designed an automated unique picture identifier bot that comments on non-unique image submissions
- Used reverse image search engine on each submission to find existing matching pictures
- Used **Python** with **PRAW** (Python Reddit API Wrapper) and **Selenium**

## Extracurricular Activities

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### Robogals

Sept. 2016 – Present

Service organization that runs tech/engineering workshops for 4<sup>th</sup>-6<sup>th</sup> graders

President (May 2017 – Present)

- Acquired **\$1500** grant from NCWIT Aspire-IT to fund tech/engineering workshops