

Peggy Li

github.com/peggyxli | peggyli.xyz

xpeggyxli@gmail.com

(724) 877-7573

Education

Brooklyn College, Brooklyn, NY

GPA: 3.58/4.00

- B.S. in Computer Science, December 2018
- B.B.A. in Business Administration, Marketing track, December 2018

Relevant Coursework: Data Structures, Algorithms, Software Engineering, Web Applications, Advanced Programming Techniques (using C/C++), Design & Implementation I (using Java)

Skills

Languages: Proficient in C++, HTML5, CSS3, JavaScript; Familiar with Python, SQL, Scheme, Java

Tools & Frameworks: jQuery, Bootstrap, Git/GitHub, IntelliJ, Code::Blocks, Android Studio, Notepad++, Photoshop, Canva, Wordpress, Linux/Unix

Projects

MIT Battlecode 2018: Return of the A-Star

Python

- Developed an AI player that controlled multiple robots in a real-time strategy game
- Adapted A-Star algorithm for pathfinding, using heap queues and lists
- Minimized run-time by finding, and limiting units to, the largest contiguous area on the map
- Placed in the top 64 out of 1091 teams globally

CUNY Hackathon Fall 2017: ExcessEats

HTML, CSS, Bootstrap, jQuery

- Created frontend of web application for ordering cheap, excess food from local restaurants
- Customized a Bootstrap template with HTML and CSS and added Material Design-style cards
- Integrated sorting functionality and a Google Maps component through the use of jQuery
- Project viewable at peggyli.xyz/excess-eats

Robotics: Path-planning & Navigation

C++

- Developed program to find a path around several obstacles indicated on an occupancy grid
- Implemented A-Star algorithm for pathfinding, using priority queues and vectors
- Included local navigation and obstacle avoidance by utilizing the robot's sensors

Personal Website: peggyli.xyz

HTML, CSS, JavaScript, Bootstrap

- Designed and constructed webpage for displaying personal projects and other information
- Implemented responsive design by using HTML, CSS, and Bootstrap's grid system

Experience

Chorus • Intern

Mar 2016 - Jun 2016 • New York, NY

- Created alternative landing pages for A/B testing using Wordpress and Squarespace
- Conducted market research on potential users and competitors
- Researched and analyzed various communities and developed community outreach strategies