DAVID MASSART

david.massart@tufts.edu - Cel. +1 (646) 725 9401

www.davidmassart.com, www.linkedin.com/in/david-massart/, www.github.com/dadapoof

EDUCATION

Tufts University (Medford, MA) - Bachelor in Arts and Sciences   *Expected Graduation May 2021*
- ➢ **Majors:** Computer Science | Japanese   **Major GPA:** 4.0 | 3.70   **Overall GPA:** 3.65
- ➢ **Honors:** Dean's List all semesters   **Courses:** Intro to Computer Science, Data Structures, Calculus 1, Discrete Math.

French American School of New York - FASNY (Bilingual International Baccalaureate)   *2010 - 2017*
- ➢ **Straight A and high honors;** All Honor level classes

SKILLS AND INTERESTS

Programming: C++, HTML, CSS, Github, Python (Basic), MySQL (Basic).
Languages: Fluent in English, French, and Spanish. Intermediate Japanese.
Interests: 1970s-2000s music, Soccer, Track and Field, Swimming, and Traveling.

PROFESSIONAL EXPERIENCE

Google (Mountain View, CA)   *May - August 2018*
Engineering Practicum Intern
- ➢ Improved existing transaction dialogs on Google Assistant and Google Home by customizing delivery address flows and writing regression tests in C++/Java to optimize user experience and allow for smoother conversations between the user and Assistant.
- ➢ Refined some of the Google internal documentation and cleaned up deprecated code. Familiarized myself with internal tools.
- ➢ Presented my project to roughly 600 Engineering Practicum interns and my team of roughly 20 people.

Endeavor (New York, NY)   *July - August 2016*
Summer Intern
- ➢ Updated the profiles of 720 high impact entrepreneurs' startups by reviewing their proposals to have a more organized database.
- ➢ Created an interactive graph and report to organize and help analyze data from a worldwide survey of Endeavor employees.

CODING EXPERIENCE

Jumbo Code (Medford, MA)   *2017- Current*
Social Media Manager and Member
- ➢ JumboCode is a student organization that develops software (websites, applications...) for non-profit organizations.
- ➢ I attract and gauge interest of students, project managers and potential clients. Weekly meetings with Executive Board.
- ➢ Redesigned the JumboCode and Sibling Connections websites by using HTML/CSS, and github on a team of 10 students.

Technology/ Coding Club FASNY (Mamaroneck, NY)   *2013 - 2017*
- ➢ Created an online analog clock and a version of Battleship using HTML, JavaScript, and Swift with other students.

FASNY 8th grade Python Class Teacher Assistant (Mamaroneck, NY)   *September - December 2016*
- ➢ Assisted students with coding tasks and helped keep order in the classroom - worked as translator for non english speakers.

COMPUTER SCIENCE PROJECTS

ClassScan, Personal (In Progress)   *April 2018*
- ➢ A facial recognition system, built using the Python OpenCV2 library, that increases the effectiveness of attendance in schools.
- ➢ Detects faces through a livestream and marks students present or absent on the attendance website through MySQL.

Konexio, Tufts International Development Hackathon   *February 2018*
- ➢ Created an MVP of an android app for a French non-profit, Konexio, with 4 students.
- ➢ Would match students with mentors based on location, coding ability, hobbies and interests through an algorithm.

Gerp, Data Structures Class Project   *April - May 2018*
- ➢ Allows a user to quickly search all instances of a string in a directory by going through files and subdirectories recursively in C++.
- ➢ Used a Tree to traverse recursively through the directories/files and stored Linked Lists of structs in a HashTable to optimize lookup time and resolve collisions without using chaining. Used a stack to facilitate printing out the contents of the Linked Lists.

LEADERSHIP AND ACTIVITIES

Varsity Soccer Team (Mamaroneck, NY)   *2015 - 2017*
Assistant Coach/Player
- ➢ Planned and organized weekly practices and assisted head coach lead the team and develop game strategies.

FASNY Thanksgiving Soup Kitchen (Mamaroneck, NY)   *Sept - Nov 2016*
Chair (In charge of organizing the event and community outreach)
- ➢ Organized our annual Thanksgiving Soup Kitchen Luncheon by soliciting for food at supermarkets, putting up flyers, decorating our school cafeteria, and leading the community outreach team to serve 300+ local community members on Thanksgiving.

FASNY Humanitarian Trip (Nicaragua)   *October 2014*
- ➢ Selected among candidates and raised $2000 fundraising and working as a referee to build 3 houses in a community in Nicaragua.