

EMMA RAFKIN

Emma.P.Rafkin.21@dartmouth.edu | (312) 636-9908

Skills Summary

Proficient in Java, Python, C, MATLAB, HTML, CSS, Javascript, React.js, Node.js/Express.js, MongoDB (noSQL), Git, jQuery.

Education

Dartmouth College, September 2017-Present

Current GPA: 3.67

Major: Computer Science. Minor: Linguistics

Relevant coursework: Object-Orientated Programming, Machine Learning, Algorithms, Discrete Mathematics in Computer Science, Software Design and Implementation, Computational Linguistics, and Digital Electronics.

Degree expected: June 2021.

University of Chicago Laboratory Schools, 2013-2017

GPA: 3.96

Relevant coursework: AP Calculus BC, AP Computer Science, Computer Architecture, Advanced Physics I & II.

Employment

DALI Lab

Software Engineer/January 2019-Present

Software Engineer for the student-run technological start up at Dartmouth. Working in a 4-6 person team, each team produces a viable product for a third-party client that is ready to launch within the 10-week term. Products include websites, mobile apps, virtual and augmented reality, and digital installations. Examples of completed projects:

bioentrepreneuresources.com

Dartmouth College Computer Science Department

Teacher's Assistant/September-November 2018

Teacher's Assistant for an object-oriented programming course (Computer Science 10). Responsibilities included teaching a weekly review class to 10-15 students, holding office hours, and grading problem sets and exams.

Thayer School of Engineering

Computer Desk Technician/January 2018-June 2018

Attended to the day to day advanced technology issues of Thayer students and maintained project database. Worked 4 hours per week.

Camp Nicolet for Girls

Counselor/June-August 2017, June-August 2018

Responsible for a cabin of 8 13-year-old girls for the 8-week season. Planned, supervised, and executed daily activities, meals, and special events. Selected to lead a week-long advanced water ski skills camp. Certified in CPR, life-guarding, and water ski instruction.

University of Chicago Laboratory Schools

Tutor/November 2016-May 2017

Endorsed/recommended by school administration to tutor high school and middle school students in all subjects, but especially Math and Science. Worked 4-6 hours per week.