

Colin Murphy

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Education

Tufts University, Medford, MA

B.S. Computer Science; B.A. German / Anticipated May 2020

GPA: 3.6; Dean's List Fall 2016-Present

Skills

Technical Skills: C++, C, JavaScript, CSS, HTML, Adobe Creative Cloud Suite, Sketch, Microsoft Office Suite

Language: proficient in English (native), Spanish (B2) and German (B1/B2)

Relevant Coursework

COMP11 (Introduction to Computer Science)

COMP15 (Data Structures)

COMP20 (Web Programming)

COMP61 (Discrete Mathematics)

ENP166 (Computer Interface Design)

Current:

COMP40 (Machine Structure & Assembly Language)

COMP177 (Data Visualization)

Experience

Lead Teaching Assistant: Introduction to Computer Science, Tufts University

Medford, Massachusetts (January – May 2017; August 2018 - Present)

- Conducted two lab sections of 30 students each, presenting course material as a short lecture
- Managed a team of TAs in each lab section to provide comprehensive help to students
- Consulted students individually to solidify knowledge during weekly scheduled office hours

Project Manager, JumboCode, Tufts University

Medford, Massachusetts (August 2018 - Present)

- Organized a team of computer science students to develop a functional web application for a local nonprofit
- Collaborated with client to determine needs and functionality of product
- Scheduled team meetings, hosted educational sessions on different tech stacks for team members
- Presented monthly on progress to entire club of more than 120 students (11 other teams)

First Year Advisor, Tufts University

Medford, Massachusetts (August 2017 – present)

- Organized and executed community events for 250+ residents monthly
- Served as an academic consultant for 30+ students, offering advice for work/life balance and academic goals
- Structured and planned weekly educational and social events for 30+ on-hall residents locally and on campus
- Provided students information about new academic and social resources through monthly programming

Counselor, Boys and Girls Clubs of Metro Atlanta

Danielsville, Georgia (June – August 2017)

- Guided ten club members through an intensive nature education program each week
- Instructed lessons on swimming, fishing, orienteering to campers unfamiliar with these activities
- Organized new, unique programs for each group every week
- Responsible for the campers' well being and security at all times