

Benjamin London

9 Ben Arthur's Way, Dover, MA, 02030 | (617) 678-8895 | benjamin.london@tufts.edu

<http://www.linkedin.com/in/benjamin-l-london>

EDUCATION

School of Engineering, Tufts University

Bachelor of Science in Data Science, Computer Science

Cumulative GPA: 3.55 Major GPA: 3.84

Medford, MA

Expected Graduation: May 2021

Relevant Coursework:

Machine Learning • Artificial Intelligence • Data Structures • Programming Languages • Algorithms
Relational Databases • Computational Design • Data Analysis • Machine Structure and Assembly Prog.

WORK EXPERIENCE

InterSystems Corporation

Quality Development Intern

- Implemented an orchestration framework that would allow unit testing suites to parallelize the execution of their tests via the use of Docker containers.
- Created a UI for users to manage configurations, execute the framework, and view results.

Cambridge, MA

Summer 2019

Tufts University Department of Computer Science

Computer Science Teaching Assistant

- Teaching assistant for computer science courses in C and C++
- Held office hours for students to aid in the writing of code, with a particular focus on the process of debugging and introducing tools such as gdb and valgrind.

Medford, MA

September 2018-Present

Belmont Hill Summer School

Computer Science and Technology Teacher

- Developed and taught curriculum for courses in Java, Android Applications, Robotics, and Engineering for middle and high school-aged students

Belmont, MA

Summer 2017/18

PROJECTS

Mars Rover- Tufts Robotics/SEDS, Software and Comms

- Software: Working on the software systems in charge of navigation, visual processing, and scientific experimentation.
- Communications: Working on the hardware and embedded software of the comms device to allow rover to communicate reliably with the base camp.

Summer 2019-Present

MA STEM - JumboCode, Developer

- The MA STEM developer team helped create a web app for the Central MA STEM Network, the K-12 education hub of WPI, called "Build Your Path to STEM".
- Built an API, using Ruby on Rails, connected to a Postgres database
- Used test driven development to design and implement resource routes and endpoints.

Sept. 2018-May 2019

Quadcopter UAV - MAKE, Member

- Designed and built a quadcopter from scratch
- Programmed wireless and autonomous flying and communication using Arduino UNO and XBee shields and modules

Spring 2018

SKILLS

- Fluent in C++, C, Python 2/3, Bash
- Proficient with JavaScript, React, Express/Node, MATLAB, Java, SQL, Relational Databases
- Familiar with Ruby and Ruby on Rails
- Organization, critical thinking, teamwork, leadership