Jack Harrison O'Shea
20 Bittersweet Lane
Darien, CT 06820

jackosx@gmail.com   **cell (203) 832-3555**

EDUCATION

Tufts University: School of Engineering
Majors: Computer Science and Applied Mathematics *(Expected 2019)*
GPA 3.49, Dean's List (every semester)

Darien High School, Darien CT, 2015

EXPERIENCE

Local Projects Inc. New York, New York
Creative Technologist Intern. June 2017 – August 2017
- Wrote software (using C++ and OpenFrameworks) for a museum installation in Denmark
- Contributed to internal and open-source software (C++ and web technologies)

Tufts University Department of Computer Science
Teaching Assistant for Web Programming
January 2017 – May 2017
- Held weekly office hours to give students help on homework and projects, such as CRUD apps using NodeJS and MongoDB. Also graded assignments.

Boy Scouts of America Camp Mattatuck
Central Office Staff, June 2016 – August 2016
- Taught the Drafting and Engineering merit badges every week
- Co-Led the camp's STEM week, a week with educational STEM related activities
- Performed typical office work including processing bills and payments, answering phones, giving tours, etc.
- Designed banners and other promotional materials for the camp

KISI Inc, Brooklyn, NY.
Intern. June 2014 – August 2014
- Designed and 3D printed housing for their physical products
- Wrote pieces of iOS software including a widget for opening their smart locks and prototype of an app that scanned IDs to automatically generate visitor passes

Darien High School Schedule App
Fall 2011 to 2015
- Created and maintained smartphone app to keep track of high school's rotating schedule and deliver announcements
- At peak usage, over 900 students in a school of 1300 relied on it

SKILLS

Languages: C++, C, Objective-C, JavaScript, HTML, CSS, Python, Bash, R
Technologies: Git, NodeJS, MongoDB, OpenFrameworks, iOS SDK
Hardware and Equipment: Epilog Laser, Cube 3D Printers, MakerBot 3D Printers
Software: MatLab, Adobe Photoshop & Illustrator, AutoCAD and AutoDesk Inventor

PORTFOLIO

See jackosx.github.io for a more comprehensive list of projects.