

Jack McGraw

Cell: (619) 518-0313 | E-Mail: jckmcgraw@me.com

Education

Dartmouth College | Class of 2020

Computer Science Major, Environmental Studies Minor, GPA: 3.31

Varsity Sailing Team – Fall and Spring sailing/training 30 hours per week

Point Loma High School, San Diego, CA | Class of 2016

Work Experience

Sailing Coach Southwestern Yacht Club | Summers 2015–2017

Instructed children ages seven to sixteen ranging from beginners to advanced racers

Helped maintain the fleet of motorboats and sailboats

BrandAmerica, Inc. | Fall 2014

Redeveloped website to optimize organization and ease of updating

Computer Science Coursework

Software Design and Implementation | Winter 2018

Topics covered will include Linux, C and shell programming, the use of GNU development tools (gcc, gdb, make, valgrind, gprofile, cvs), and design and implementation techniques. Final group project will include programming embedded nanocopters and leap motion as well as exposure to thread, socket, and embedded systems programming

Object Oriented Problem Solving in Java | Spring 2017

Topics covered included abstraction, modularity, data structures, and algorithms

Introduction to Programming and Computation in Python | Winter 2017

Topics covered included analyzing data, processing text, drawing graphics, manipulating images, and simulating physical systems

Personal

I Love a Clean San Diego: Adopt-a-Beach Program | 2014–2016

Coordinated the adoption of Sunset Cliffs Park Area by The Point Loma High School Sailing Team

Scheduled beach cleanups, tallied and logged debris collected for research purposes

iPhone Repair | 2012–2013

Replaced screens, batteries, and other broken parts for friends and family

Mad Pigs | 2011

Eight-month project where I designed and created a game using GameSalad (a 2D drag and drop development platform) that was accepted to the App Store

Competitive Sailing | 2008 – Present

1st place – U.S. Junior Doublehanded Championship 2015

2nd place – Fleet Race High School Nationals 2016

3rd place – Team Race High School Nationals 2016