

Education

HARVARD COLLEGE

Cambridge, MA
March 2012

Candidate for the S.B. in Mechanical and Materials Engineering. GPA 3.30

- Constructed, for Senior Design Project, a low-cost tool to evaluate vessel motion in tanker/tugboat systems;
- Completed NASA-sponsored design project on lunar construction vehicles;
- Skipper on the nationally-ranked Harvard Varsity Sailing Team for four years, with a 25-hour per week commitment during the fall and spring seasons

BOSTON LATIN SCHOOL

Boston, MA
June 2007

College Preparatory Education, 4.35 GPA. SAT I: M: 720 V: 770 W: 800.

National AP Scholar, granted to students in the United States who receive an average score of at least 4 on all Advanced Placement Exams taken, and scores of 4 or higher on **eight** or more of these exams; National Honor Society; Activities: Varsity Sailing Team; Show, Gospel, and Concert Choirs; FIRST Robotics Team; Science Fair

Work Experience

Boston Start-up School

Boston, Massachusetts
Summer 2012

Product Design Track

Complete full-time studies in product design and development, from concept to prototype to implementation. Learn to construct user stories and personas to gain understanding of user base. Design and shape beautiful user experiences for products, both online and offline. Engage in weekly projects to push development of start-ups ideated within BSS. Become proficient in the Lean Startup method, including development of MVPs and full market/competitor research.

Obama for America

Boston, Massachusetts
Summer 2012

Summer Organizing Fellow

Organize and lead the West Roxbury/Roslindale Neighborhood Team of volunteers. Become proficient in organizational tools, such as Votebuilder and Dashboard. Learn how to motivate and direct volunteers in pursuit of a common goal. Master adaptive messaging and other methods of convincing undecided voters.

Endeavour Partners

Cambridge, Massachusetts
Winter/Spring 2012
Summer 2011

Full-time Associate, Technology Consulting

Summer Associate, Technology Consulting

Completed detailed research modules on consumer behavior, emerging technology, and prominent firms in a wide range of high-tech industries. Analyzed said modules to create and optimize corporate strategies in emerging and existing technology sectors. Developed a dynamic marketing and customer relationship management program for Endeavour Partners.

Leadership

Engineering Sciences 51: Computer-Aided Design

Cambridge, MA
Fall 2011

Teaching Fellow

Conducted a weekly three-hour laboratory session with fifteen students, covering topics ranging from engineering design (from brainstorming to CAD) to fabrication to testing of final products. Expounded upon a wide array of engineering topics during weekly office hours. Taught students proper use of engineering tools, including everything from drill presses to laser cutters, 3D printers, and 3-axis mills. Maintained a safe, efficient, and clean working environment in the engineering labs

Leverett House, Harvard College

Cambridge, MA
Spring/Fall 2011

Co-Chair, House Committee

Co-led a team of fifteen of my peers to plan and coordinate a wide range of social events to promote camaraderie among students living in the largest residential House at Harvard. Solicited and synthesized feedback from the House community to maximize participation at events. Worked with the House Master, Resident Dean, and Resident Tutors to establish open communication between the student body and administration.

Skills

Computer: Microsoft Office, MATLAB, Mathematica, C/C#, Processing, HTML, SolidWorks, Arduino, Python

Interests: Have traveled extensively in Europe and completed high-level studies of Italian and French