

**Zoher Murtaza Ghadyali**  
[zoher.ghadyali@students.olin.edu](mailto:zoher.ghadyali@students.olin.edu)  
C: (508) – 562 – 2985

**Campus**  
MB 723, 1000 Olin Way  
Needham, MA 02492

**Permanent**  
71 Elm Street  
Franklin, MA 02038

## **EDUCATION**

**Franklin W. Olin College of Engineering – Needham MA** May 2017  
Candidate for Bachelor of Science in Electrical & Computer Engineering  
Recipient of 4-year, 50% Olin Merit Scholarship

- Coursework includes: Modeling and Control, Modeling and Simulation of the Physical World, Media Revolution: Activism & Technology, and Design Nature

**Franklin High School – Franklin MA** June 2013  
Graduated 1/403, 4.63 GPA (weighted), AP Scholar with Distinction

## **EXPERIENCE**

**Founder of Equal Colors** for Media Revolution – **Needham MA** December 2013 – Present

- For the final project in a media class, utilized principles of cyber-activism to create a forum for racial equality in America

**Electrical Team** for Olin Robotic Sailing – **Needham MA** September 2013 – Present

- Primarily working to increase efficiency of electrical systems on the boat while increasing the quality of data gathered by the boat through additional sensors

**Intern at Massachusetts Women’s Political Caucus – Boston MA** June - August 2012

- Created newspaper ads and flyers, kick-started Facebook groups, organized canvassing campaigns, and performed data analysis on potential donors and voter registrants

**Alumni of Art All-State – Worcester MA** June 2012

- Participated in an intensive art program as a supplement to my art experiences; worked alongside professional artists to prepare various artistic installations for exhibit

**MIT’s Innovative Conceptual Engineering Design 2012 – Cambridge MA** August 2012

- Conceptually modeled a next-generation Mars habitat with various functional subsystems that would sustain 6 human lives for a span of 500 days

**CFO of Knowtz** for TiE: Young Entrepreneurship Program – **Waltham MA** 2010-11

- Competed against other teams to create a business plan and present it to a panel of investors; my company, Knowtz, provided concise study notes for high school students

## **LEADERSHIP & SERVICE**

**Engineering Discovery** at Sprague Elementary – **Needham MA** 2013 – Present

- Provide engineering outreach education to elementary school students by teaching them fundamental concepts of engineering and science

## **PERSONAL SKILLS**

- Computer: Microsoft Excel, PowerPoint, Adobe Suite, SolidWorks, MatLab, LaTeX
- Machine Shop: Drill press, band saws, belt sander