ZOHER GHADYALI

zoherghadyali.me

(508) - 562 - 2985

zoher.ghadyali@students.olin.edu

MB 732
1000 Olin Way, Needham MA 02492

GOAL

I pursue good user interface and experience design. Combining my passion for design with computing, I want to create a product that uses minimal input to complete a complex task for the user.

EXPERIENCE

Program Management Intern for Data Management Feature Team - **Tableau Software** **Summer 2015**

- Performed user research to develop interaction flows and designs for three new features that improve connectivity and user understanding of ETL processes in Tableau Desktop, Server, and Online

Designer & User Research for BUG - **Olin College** **Spring 2015**

- Created personas, co-designed with users, and produced BUG, a live-action, community-building simulation of an apocalyptic event for disaster preppers

Embedded Systems Engineer for bLOCK - **Olin College** **Fall 2014**

- Designed and built the electrical system and programmed the embedded system for bLOCK, a smart bike lock automatically controlled by the user's phone using BLE

Electrical & Software Engineer for Team Sailing Research - **Olin College** **Summer 2014**

- Designed and built a system to increase the autonomy of blind sailors on sailboats. We produced a functional prototype using a keypad for user input and a small computer. A blind sailor successfully sailed independently during a sea trial using our system.

EDUCATION

Franklin W. Olin College of Engineering - Needham MA **May 2017**

Candidate for Bachelor of Science in Electrical & Computer Engineering GPA 3.85

Recipient of 4-year, 50% Olin Merit Scholarship

- Coursework includes: Software Systems, Introduction to Analog & Digital Communications, Mobile Prototyping, Environmental Economics Policy & Analysis, Discrete Mathematics

PERSONAL SKILLS

ELECTRICAL: Analog Circuit Design, Digital Signal Processing, Embedded System Design, Through-Hole & Surface Mount Soldering, comfortable using a digital multi-meter, oscilloscope, and other lab equipment

COMPUTER: Python, MatLab, Java, Android Studio, C, Arduino C, HTML/CSS, LaTeX, Adobe Creative Suite, Verilog, Xilinx