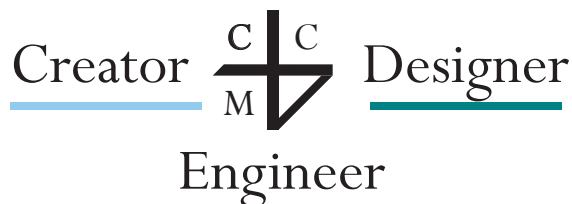# Charlie Mouton

Creator ✛ Designer
Engineer

See my work at **Charliemouton.com**
Contact me at **Charlie@Moutons.org**
713 392 6068   1000 Olin Way # 747
Needham, MA 02492

Education

Franklin W. Olin College of Engineering   May 2017
Needham, Massachusetts   GPA 3.55
Candidate for Bachelor of Science in Engineering: Concentration in Engineering Design

- Awarded a four-year half-tuition scholarship worth over $80,000.
- Holds leadership positions in Olin Ultimate and Olin's LGBQ/T group, OPEN.
- Coursework: Mechanical Prototyping, Software Design, User-Oriented Collaborative Design, Advanced Digital Photography, and Designing Resources for Empowerment and Making.

Olin Workshop on the Library

Project Designer and Creator

Needham, Massachusetts   June 2015 - July 2015

- I worked with a team of students to improve the library experience at Olin College. We aimed and succeeded in creating a library that better reflected Olin's culture and would be used more often by the Olin community.
- I contributed to multiple projects, but spearheaded both the Utility Wall and Visual Radio projects, which are talked about in detail in my portfolio provided above.
- Skills utilized:

  - Adobe Suite
  - Design process
  - Rapid Prototyping
  - Scrum
  - Documentation
  - Digital Fabrication
  - Solidworks
  - Brand Design

Facilities and Fabrication Research

Space and Furniture Designer and Fabricator

Needham, MA   June 2014- August 2014

- I worked alongside one other student to completely redesign a classroom space to fit the needs of the Principles of Engineering course, a trademark course at Olin focused on building an integrated system.
- We used a modified design process working off that of the book *Make Space,* incorporating the feedback of both current, present, and future students and professors of the course.
- Skills utilized:

  - Design process
  - Rapid Prototyping
  - Furniture Design
  - Design Research
  - Documentation
  - Digital Fabrication
  - Solidworks
  - Collaboration

Additional Skills

- Shopbot CNC
- Python
- Graphic Design
- Google Software
- Javascript
- Digital Photography
- Communication
- Project Management