

# SAM DAITZMAN

Engineer and designer  
Student, F.W. Olin College of Engineering (GPA: 4.0)  
2019 Weissman Foundry Fellow  
2019 MakeHarvard BMW First Prize

## CONTACT

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781-690-8717  
Portfolio: <https://sam.daitzman.com>  
GitHub: <https://github.com/sdaitzman>

## EDUCATION

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### 2018-2022: Olin College of Engineering

Candidate for Bachelor of Science in  
Engineering: Computing & Design Concentration.  
Current GPA: 4.0

**Relevant Courses:** Principles of Engineering;  
Sensors, Instrumentation and Measurement;  
Design Nature; Modeling and Simulation;  
Quantitative Engineering Analysis;  
Data Structures and Algorithms.

### 2013-2017: NuVu Studio

NuVu Studio is an innovative high school that  
uses project-based learning to teach engineering,  
design and academic skills. NuVu connects  
students with designers, engineers, architects,  
artists, and even rocket scientists and facilitates  
knowledge transfer.

### 2015-2017: Harvard University Extension School

Computer Science degree candidate at  
Harvard's Extension School program for  
traditional coursework while studying  
at NuVu Studio.

## EXPERIENCE

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### Summer 2019: Olin College Research

Co-designed teaching curriculum for courses  
like Machine Learning, Quantitative  
Engineering Analysis, and Software Design.  
Integrated context & ethics into Olin's  
curriculum across courses.

### 2018-2019: Weissman Foundry Fellow

Led team to successful fellowship.  
Grew self-publishing tech vis/art zine  
collective to events for BOW community.

### 2017-2019: Berkman Klein Center for Internet and Society at Harvard

Created Digital Citizenship curriculum  
and contributed to novel research on  
ML, education, and AI explainability.  
Successful public rebrand of one  
project was applied to an entire  
research group.

### 2016-2018: Smile Shade

Co-founded seasonal affective disorder  
treatment device startup featured in  
MacWorld, PCWorld, DigitalTrends,  
HubWeek. <https://smilesha.de>

### 2015-2016: StudentRND CodeDay

CodeDay Boston Organizer and  
StudentRND Evangelist. 71% new-student  
retention at my CodeDay events.

### Summers 2014-2016: NuVu Studio

3D printing, fabrication and  
electrical/computer engineering  
instructor. Students' work featured in  
Google's Science Fair video and on  
regional and national press.

## SKILLS

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- Interdisciplinary projects & research
- Full-stack software development
- Industrial design & product development
- Arduino/C/C++ & robotics
- Teaching, communication and evangelism
- Manufacturing tech (CNC, 3D printing)
- Video/audio production & photography
- Graphic design & typography
- After Effects, Premiere, Photoshop
- Illustrator, Sketch, Figma