

Zachary A. Sherman

www.zacharysberman.com • zsherman@olin.edu • @zachary3352 • 781-860-2987

EDUCATION

- Olin College of Engineering, Needham, MA May 2023
 - Bachelor of Science in Mechanical Engineering
 - Recipient of four-year, 50% Olin Merit Tuition Scholarship
- Gann Academy, Waltham, MA June 2019

SKILLS

- Machine shop trained: mill, lathe, drill press, laser cutter, 3D printer, etc.
- Python, MATLAB, Onshape, SolidWorks, HTML/CSS, Adobe Creative Cloud Suite
- Proficient in French and Hebrew

EXPERIENCE

Onshape, Boston, MA

Fall 2020-Winter 2021

Quality Assurance Intern

- Tested new features for quality before public release
- Assisted in translating Onshape into a foreign language
- Finding and reporting bugs in production and beta software using JIRA
- Achieved Onshape Associate and Onshape Professional certifications

MetaBronx, Bronx, NY

August 2020

Photography Mentor

- Designed an interactive curriculum including photography, photo editing, and portfolio publishing
- Taught curriculum via video call to approximately 15 high school students

Gann Academy, Waltham, MA

Summers 2019-20

Marketing Intern

- Shot and edited video advertisements and interviews
- Created social media for new head of school
- Updated and added pages to website (HTML/CSS)

Videos By Zachary, Lexington, MA

2017-Present

Founder, Videographer, Editor

- Run own business in videography and photography, including video and photo editing
- Film and edit videos for small businesses, non-profits, and individuals
- Video portfolio available at www.zacharysberman.com/videography

Camp Yavneh, Northwood, NH

Summers 2017-18

Technology Specialist

- Managed staff technology, including computers, printers, projectors, and sound systems
- Maintained wired and wireless networks and live streamed events using OBS
- Taught classes in photography and 3D printing

PROJECTS

Additional projects in portfolio, linked above

Smart Clock

2019-Present

- Writing web-based program to control setting alarms, information display, and smart devices
- Using Inkscape to design and laser cut enclosure

Musical Stairs

Spring 2018

- Processed data gathered by sensors to convert results to audible musical notes
- Programmed Arduino microcontroller and implemented LiDAR sensors
- 3D printed housing for each sensor to attach magnetically to stairs

ACTIVITIES

- Amateur Radio Technician, callsign KC1NXX, and member of Olin Collegiate Amateur Radio Club
- Sound engineer for eight Gann Academy productions and other local theaters
- Member of Olin College's AIAA Design, Build, Fly project team
- Pursuing Private Pilot Certificate