

Martin S. Sullaway

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Electronics and design enthusiast, radio frequency technology developer, and aspiring engineer.

WORK EXPERIENCE

Director of Technology (May 2018 - Present)

Camp Yavneh

Planned, implemented, and supported technology in a fast-paced camp setting.. Supported large-scale AV systems, software-defined networking, internal IP video systems, and security control. Designed and implemented large scale enterprise network. Managed infrastructure vendor relationships, technical utilities, and designated safety/security services. Supervised two staff. Worked approximately 70 hours per week in the summer and intermittently during the school year.

Entrepreneurial Product Designer (November 2017 - Present)

Designed control and automation products for amateur radio stations. Took two products from concept to manufacturing. Performed electrical, mechanical, and user interface design. Created product documentation and wrote device firmware. Generated \$2,200 in profits on first product within the first six months of sales. Second product launched in late November, 2019. Second product generated 200+ orders in first 72 hours of sales, representing \$10,000+ in revenue. (so2r.org)

Entrepreneur/Principal Consultant (September 2015 - Present)

Sullaway Technical Services

Provide technology support and event services to individuals, small businesses and nonprofits. Client projects include large audio-visual deployments, purchase advising, system administration, hardware/software configuration, and general technical support.

Online Class Customer Support Contractor (September 2017 - June 2019)

Shalom Learning

Provided technical assistance in online learning classes to instructors and students.

VOLUNTEER EXPERIENCE

Co-Team Leader (September 2018 - Present)

Team Exuberance

Co-initiated a project to take an international team of young, talented amateur radio operators to one of the largest radiosport contest stations in the world. Formed a team placing #1 in North America, and #4 globally in a worldwide radiosport contest. Managed public relations, fundraising, financial management, and logistics for a four-day event.

Assistant Director, New England Division (December 2018 - Present)

American Radio Relay League

Produced newsletter and website for American Radio Relay League's New England Division. Attended cabinet meetings, and advised director on technological matters and policy issues.

Board Member (June 2015 - June 2018)

Clay Center Amateur Radio Club

Executive board member of one of the largest youth amateur radio clubs in the world. Engaged new members, provided technical support, and participated in bylaws restructuring. Chaired the club's annual amateur radio field day efforts, which attracted over 120 participants.

Technical Advisor (May 2018 - Present)

New England Amateur Radio & New England Sci-Tech

Advised a boutique makerspace and STEM center on all matters related to amateur radio. Designed and implemented a mobile command vehicle with 40' pneumatic mast. Installed amateur radio station and radio repeaters

Video Producer (September 2018 - Present)

Yankee Clipper Contest Club

Recorded, produced and distributed videos of bi-monthly club meetings. Worked with minimal budget to maximize production value.

Publicity and Communication Manager (July 2017 - June 2018)

Baker Island DXpedition

Managed all press releases, social media, and logistical questions for a 14 person radio expedition team to Baker Island, one of the most remote outposts of the Pacific. Helped to raise \$500,000 in crowdsourced fundraising.

Communications Volunteer (January 2015 - Present)

Various Large-Scale Sporting Events

Public safety communications volunteer for 20+ events in Massachusetts, including the Boston Marathon, Head of the Charles Regatta, and other road races, triathlons, and bike races.

WRITING, MEDIA & TEACHING

Host (January 2016 - May 2018)

Phasing Line Podcast

Hosted amateur radio podcast with thirty five episodes. Built audience with over 1,000 views per episode.

Guest and CoHost (May 2016 - Present)

Amateur Radio Shows Podcasts,

Frequent guest on amateur radio shows. Participated in more than 20 shows on matters related to tower safety, advanced radiosport contesting, remote operation, station integration, and youth engagement.

Conference Speaker (May 2016 - Present)

Dayton Hamvention and Other Forums

Presented in forums around the country, including at the largest amateur radio convention in the world. Presented roughly four times each year. Sample presentations are listed below.

- Contest Station Automation
- Earth-Moon-Earth Operation from MIT EAPS.
- Homebrewing Electronics and Home-Built Projects
- Advanced Radiosport Contesting
- Youth-Only Radiosport Contesting Experiences

Published Writer

Wrote several articles in amateur radio related publications

- National Contest Journal, April 2019: Guest Operating
- QST: The National Association For Amateur Radio, August 2019: Team Exuberance
- CQ Magazine, September 2017: Marty Sullaway, Young Ham of The Year
- Nation Contest Journal, May-June 2019: My North American QSO Party Experience

Course Creator (September 2018 - May 2019)

Created secondary school curriculum on artificial intelligence as a liberal-arts subject, incorporating research on artificial intelligence, neural networks, pedagogy, educational software, and differentiated instruction. Developed software to accompany curriculum. Project served as my Junior Year Capstone Research Project.

EDUCATION AND AWARDS

High School Graduate (Expected), Meridian Academy
2016 - 2020

Graduate (Expected), Prozdor Hebrew High School (2014-2020)
Focus in government and Jewish culture.

FCC Amateur Radio Extra Class License, NN1C
2015 - Present

Amateur Radio Newline Young Ham of The Year - 2017
Selected as #1 youth participant in ham radio among people 18 or younger in North America, based on contributions to amateur radio and the community at large.

Radio Sport Contest Awards
Top 3 finisher in major radiosport contests including CQ WPX SSB, CQ WPX CW, CQ WW SSB, ARRL DX SSB, and ARRL DX CW contests, both individually, and as part of teams. Hold the CQ WW SSB New England Rookie Record.

Marty S. Sullaway

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