

Aaron Wubshet

aaronwubshet.com

EXPERIENCE

BAIN & CO. | CONSULTANT

Sep 2020 - Present | Atlanta, GA

- Helped define the 3rd party MRO strategy for a large A&D client
- Supported procurement cost rationalize SWAT support team at IT services firm
- Spearheaded financial modeling and market research (survey based and market participant interview based) workflows while managing 1-2 people and conducting company or industry due diligence primarily in healthcare
- Owned supply chain analysis, helped to stand up cost visibility PMO, and investigated potential volume scale benefits with a heavy industrials and manufacturing end clients

ASTRA SPACE | PRODUCT MANAGER & STRATEGY ANALYST

June 2022 - Oct 2022 | Alameda, CA

- Investigate technical feasibility and market appetite for new space products and build business case for funding decision for senior leadership team
- Collaborate with spacecraft engineering team on vendor negotiations, system architecture, and work planning

LLNL | ELECTRICAL ENGINEERING RESEARCH FELLOW

June 2019 - Dec 2019 | Livermore, CA

- Graduate student co-op with Lawrence Livermore National Laboratory
- Investigating FPGA platforms for quantum sensing and control applications including algorithm development and cold dark matter experiments

DRAPER | SIGNAL ENGINEERING INTERN

Jan 2017 & June - Aug 2017 | Cambridge, MA

- Created GSM network via GNU Radio & universal software radio peripherals
- Developed novel MatLab simulator for aggregate LTE power levels

MIT CONSULTING GROUP | CFO & CASE TEAM LEADER

Feb 2016 - May 2019 | Cambridge, MA

- Automated transaction and budget systems to manage \$50,000 budget
- Spearheaded a team of consultants to provide clients with consulting services including prototyping, market penetration strategies, & partnership evaluation

TECHNICAL PROJECTS

JAW DROPPING VISUAL EFFECTS

Sept - Dec 2017 | 6.111: Introductory Digital Systems Laboratory (FPGA)

- Generated real time audio-visual effects utilizing edge detection algorithms
- Spearheaded integration of individual modules including audio processing, image capture and processing, and image and audio modulation

A DRONE'S EYE VIEW

Sept - Dec 2017 | 6.S063: Engineering Interactive Technologies

- Drone mounted projector system to make any surface interactive
- Incorporated IR tracking, microcontroller programming, and leap motion gesture recognition to create mobile interface system

SPEAKER TRACKING SYSTEM

Feb - May 2017 | 6.115: Microcontroller Project Laboratory

- Designed a volume adjusting and target following speaker system
- Implemented using the Intel 8051 microcontroller and Cypress PSoc



EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

ELECTRICAL ENGINEERING

Bachelor of Science | GPA: 4.5 | 2019

Master of Engineering | GPA: 4.5 | 2020

LEADERS OF GLOBAL OPERATIONS

Sloan MBA | Expected 2025

Master of Science | Expected 2025

KEY SKILLS

TECHNICAL

HW/SW system prototyping, modeling, and integration

MANAGEMENT

Mentorship, logistics, and product management

PERSONAL PROJECTS

MEMSI

Collaborated with a diverse team of engineers and designers to create TrueLink, a product designed to share emotions over long distances

AQUADIO

Worked with a diverse team of engineers to develop a swim wearable with fitness analytics

TEACHING

Member of the teaching staff for a wide range of classes including: MatLab, Circuits & Electronics, Feedback System, Consulting

MAKERLODGE

Over the course of 2 years, served as Electronics Training Head, Publicity Chair, and Webmaster for MakerLodge, a student run shop.