MIHIR TRIVEDI

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EDUCATION

Massachusetts Institute of Technology, Cambridge, MA — May 2021

- Course 16, Aero/Astro Engineering (Minor, Course 6: Electrical Engineering/Computer Science)
- GPA 5.0/5.0; Member: Sloan Business Club, MIT Rocket Team, Research Intern: WaferSat (Space Systems Laboratory)

Bellarmine College Preparatory, San Jose, CA — May 2017

EXPERIENCE

Naval Postgraduate School, United States Navy — **Monterey, CA**
Research Intern, Energy Academic Group (Navy Energy Security) — *June–August 2016*

- Wrote software for energy projects, including programs to increase ship fuel efficiency during transit.
- Converted a standing exercise bicycle into an education display to educate soldiers on energy usage.

International Conference on Connected Vehicles and Expo (ICCVE) — **Shenzhen, China**
Presentation on the future of connected emergency vehicles — *October 2015*

- Presentation on *Respondly*, a project that allows 911 dispatchers to efficiently communicate with ambulances, and for ambulances to manage mass casualty scenarios.

Consumer Electronics Show (CES) — **Las Vegas, NV**
Presentation at IEEE IoT Startup Soiree — *January 2015*

- Youngest presenter; presented on teaching IoT and computer engineering in high school and college classrooms to a panel of venture capitalists and industry analysts.

Presentation at IEEE IoT Event — *January 2016*

- Requested to the 2016 IoT conference at IEEE as a guest speaker to talk about running Bellarmine's makerspace, and the use of IoT in education for high schools.

Launch Entrepreneurship Program — **MIT, Cambridge, MA**
Anchor Parking — *June-July 2015*

- Four week high school entrepreneurship program at MIT's Sloan School of Business.
- Started a company, Anchor Parking, to solve the issues of street-side metered parking; replacing coin meters with pay-by-phone technology.

Sokikom — **Mountain View, CA**
Software and Data Analysis Intern — *July 2015 – August 2015*

- Wrote software for new features in Sokikom's product: education software for elementary schools.

NASA Ames Research Center — **Mountain View, CA**
Meteorite Research Intern, Space Science and Astrobiology Division — *May 2014 – August 2014*

- Analyzed IR spectra of UOC's (meteorites) for detection and quantification of clinopyroxene through RELAB (of Brown University) data analysis and IR spectroscopic laboratory measurements. *Mentors: Dr. Derek Sears and Dr. Heather Smith*
- "Detecting and Distinguishing Metamorphic Gradients of Unequilibrated (Type 3) Ordinary Chondrites Using Infrared Reflectance Spectra" M. Trivedi, H. Smith, D.W.G Sears.

EXTRACURRICULAR

TechCrunch Disrupt 2015 Hackathon — **San Francisco, CA**
Vinli Sponsor Prize Winner

- The project, Respondly, connects emergency dispatchers to ambulance drivers in order to provide efficient routing and mass casualty scenario handling.

MHacks — **University of Michigan, Ann Arbor**
Apple Sponsor Prize Winner, "Best iOS App"

- Built iOS framework, "Cardboard for iOS" allowing developers to create applications for the Google Cardboard in Xcode.

SKILLS AND CERTIFICATIONS

Certifications: Private Pilot (FAA), Ham Radio Operator (FCC)
Software Languages: Java, Python, HTML/CSS/JS, SQL, Arduino C, PHP, Swift (iOS), MATLAB, CAD

Languages: Spanish, Gujarati
Hardware: Arduino, Raspberry Pi, Robotics (FRC), GPS and GPRS Technology, 3D Printing