

GRANT GUNNISON

GrantGunnison.com
714-404-4911
gunnison@mit.edu

EDUCATION

2016 **Massachusetts Institute of Technology** **GPA: 4.4/5.0** **GRAD GPA: 4.7/5.0**

Electrical Engineering and Computer Science B.S.
Masters of Engineering in Electrical Engineering Candidate

Selected Coursework: Microcontrollers, Power Electronics, Controls, Analog Circuit & Digital IC Design, Algorithms, Web Development, Digital Communications, Design & Manufacturing

EXPERIENCE

- 2018 **The Republic Companies – President** **Anaheim, CA**
- Took over all operations, marketing, estimating, and sales after my father passed away.
 - Directed our 14 person team on a daily basis and completed over 2MM of work in 10 months.
- 2016 **SpaceX – Power Electronics Intern** **Hawthorne, CA**
- Designed a testing board for the power distribution box of the Falcon 9
 - Redesign the power distribution card for the Falcon 9
- 2015 **MIT RLE SuperUROP – Undergraduate Research** **Cambridge, MA**
- Built a control algorithm to optimize a military microgrid by using the thermal capacity of available structures as a battery to minimize generator fuel consumption.
- 2015 **Bridgewater Associates – Management Intern** **Westport, CT**
- Worked with a management team to audit the Transformation Department's machine for systematizing the Recruiting Department to recommend a future execution
 - Learned to take a principled approach in working on projects and through ambiguity
- 2015 **Bank of America Merrill Lynch – Analyst, Intern** **New York City, NY**
- Developed a stress-testing algorithm for an automated market-making algorithm
 - Learned and analyzed asset backed fixed income strategies
- 2014 **AQR/CNH Partners - Research Analyst** **Greenwich, CT**
- Strategy Development & Optimization Research
 - Developed a strategy agnostic back-testing and analytics API

LEADERSHIP & ACTIVITIES

- 2015 **Phi Beta Epsilon – President** **Cambridge, MA**
- Led the development of a meaningful community amongst separate individuals
 - Responsible for the well being and safety of 60 other individuals
- 2014 **MIT MASLAB (Mobile Autonomous Systems Laboratory) – 1st Place** **Cambridge, MA**
- Designed and fabricated a fully autonomous robot in SolidWorks that implemented a PID control system and real-time Visual Processing
 - Relinearized the 2D surface projections of a wide-angle webcam in order to get accurate 3D angle and distance calculations
- 2014 **MIT Design and Manufacturing – 5th Place** **Cambridge, MA**
- Learned precision machine skills and fully documented the iterative design process
 - Demonstrated clear analytical skills through clean designs, backed by physics models
- 2014 **Sloan Business Club – Finance Managing Director** **Cambridge, MA**
- Taught valuation methodologies to invest on a fundamental basis
 - Managed a personal trading account since 2010

Skills: Altium, Python, C, ASM, MatLab, MySQL, JavaScript, Node, SolidWorks, LaTeX, Eagle Scout

Hobbies: Two-Step/Line Dancing; Spearfishing; Football; Blackjack; Off-Roading