

Andrew Mascillaro



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| Education | Olin College of Engineering Needham, MA May 2023 <ul style="list-style-type: none">BS in Electrical and Computer EngineeringRecipient of 50% tuition merit scholarship High Technology High School Lincroft, NJ June 2019 <ul style="list-style-type: none">#1 STEM High School in the United StatesConcentration in Computer Science and Software Engineering |
| Programming | HTML/CSS, JS, Python, Java, C++, PHP, Hugo, Flask, Git, SQL, MongoDB USACO Computing Olympiad Silver level Hacked at picoCTF (CMU), PennApps (UPenn), and MIT Blueprint Top 10 finalist and #1 Google Cloud project at PennApps for a Lip Reader project using ML |
| Languages | Spanish, Italian |
| Platforms | Arch and Debian-based Linux, Windows |
| Employment | MIT Beaver Works Summer Institute Cambridge, MA 07/2018, 07/2019 <ul style="list-style-type: none">Assisted with teaching a four-week course focused on using computer vision and Python for crisis response and recoveryParticipated in a four-week course automating UAVs using Python and ROS iCims Holmdel, NJ 09/2018 - 01/2019 <ul style="list-style-type: none">Worked at iCims, a talent acquisition company in Bell Works (previously Bell Labs)Involved in a semester long high school mentorship program focused on using Python and Java for localization of iCims' resource bundles |
| Activities | Tutor / Mentor Freehold, NJ 09/2016 – 05/2019 <ul style="list-style-type: none">Tutored middle and high school students in C++, Math, English, Spanish, and Chess HTHS Chemistry Labs Lincroft, NJ 03/2018 - 05/2018 <ul style="list-style-type: none">Programmed a client-side web application to calculate summative data for chemistry labs, providing data visualization Technology Student Association Lincroft, NJ 09/2017 – 04/2019 <ul style="list-style-type: none">Built scale models of bridges out of Balsa wood as part of a high school competitionTwo-time national semifinalist ranked amongst the most efficient bridge models |
| Outreach | Monmouth Worship Center Marlboro, NJ 09/2014 – Present <ul style="list-style-type: none">Taught Sunday School through dynamic, engaging lessonsVolunteered as a head camp counselorWrote and presented sermons as a youth group leader |
| Interests | Chess 1634 Rated USCF, Two-Time National Finalist Team Karate Second Degree Black Belt, Assistant Instructor Finance SIFMA Stock Market Challenge 14 th place of 600+ teams Blog Built and maintained my personal blog using Hugo |