

DAVID MENA

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EDUCATION

Dartmouth College, Hanover, NH **June 2020**
GPA 3.5
Bachelor of Arts, Major in Computer Science, Minor in Mathematics
Relevant Coursework: Object-Oriented Programming, Algorithms, Software Design and Implementation, Smartphone Programming, Digital Electronics

Italian Study Abroad Rome, Italy **Fall 2017**
Developed cultural understanding by participating in Dartmouth's LSA program. Spent 3 months living with a host family in the heart of Rome, while solidifying Italian language skills.

Houston Community College, Houston, Tx **May 2016**
GPA 4.0
Associate's Degree in Science
Relevant Coursework: Calculus I&II, Computer Applications I

Houston Academy for International Studies Houston Tx. **May 2016**
GPA 4.00
Honors/awards: Salutatorian
Activities: Debate Team, MUN, NHS, Founder of Mentorship Program

RELEVANT EXPERIENCE

Machine Learning Club, Dartmouth College **August 2017 - Present**
Treasurer, Founding Member

- Developed lesson plans for every meeting to fulfill our mission to simulate machine learning techniques utilized in the field.
- Managed expense reports and created funding proposals for tech conferences, educational lectures, and outreach and bonding social events.
- Led the Natural Language Processing group and built the Markov models necessary for the creation of a Dartmouth Twitter bot.

Machine Shop, Thayer School of Engineering **September 2016 – Present**
Shop Floor Manager

- Effectively trained engineering students to fully understand machinery and its software.
- Regulated safety and upkeep of shop's multiple facilities through clear transmission of rules and regulations to all users.
- Proficient using Mills, Lathes, Laser Cutters, and 3D printers along with Solidworks.

LEADERSHIP & SERVICE

Crespo Elementary Houston, Texas **August 2015 – May 2016**
TA for transitional students

- Achieved a 100% passing rate for ESL students in the 4th grade Texas standardized writing exam
- Collaborated with the faculty to redesign the class curriculum to take into account the cultural background and language barrier of students

International Leadership Training Cuenca, Ecuador / Houston, Texas **July 2015 - May 2016**
American Youth Ambassador

- Awarded the title of Young Community Leader by the US Department of State after successfully completing an intensive community development and leadership workshop incorporated as part of an international and cultural exchange in Ecuador.

SKILLS & INTERESTS

Programming Languages: Java/Android, C, Python, HTML/CC, R, and VHDL
Languages: Native Spanish; Intermediate Italian
Additional Interest: Community Service and Increasing STEM Education in low-income communities