

Lawrence C. Abu-Hammour

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Education

Maritime College – Throggs Neck, NY

GPA: **3.6/4.0**

Bachelor of Engineering: Mechanical Engineering

July 2019- Present

Class of 2019

Dartmouth College – Hanover, NH

GPA: **3.2/4.0**

Engineering Sciences Major (Concentration: **Electromechanical**) | **History Modified with Arabic** (Concentration: **American History**)

- Hispanic Scholarship Foundation Scholarship Recipient

2018, 2019

Bronx Center for Science and Mathematics (BCSM) – Bronx, NY

Sept 2011-June 2015

- Grade Average: 99.47% /100% | 5 AP Courses| Valedictorian, National Honors Society, and National Science Honors Society

Skills

- Arabic (Modern Standard, Jordanian, Moroccan), Conversational Spanish, Elementary Japanese, and Elementary Tagalog.
- Microsoft Office, Mathematics; Google Suite; Windows Movie Maker, Adobe Premiere Pro CS6; Audacity; Salesforce
- MATLAB (Expert), C Programming Language (Competent), VHDL (Competent), Python (Some), HTML (Competent), LaTeX (Expert), SQL (Some), Linux, R
- SolidWorks (CAD Software), Granta's CESEduPack, GD&T, ANSYS, AutoCAD, Revit CorelDraw, LogiSim, Vivado

Work Experience

MUJI USA: Sales Associate- New York, NY

Feb 2019 - Present

- Worked across various departments to push sales on MUJI products
- Managed, organized, and kept inventory of MUJI stationary products while assisting customers

Children's Aid Society-Hope Leadership Academy: Lead Facilitator – Harlem, NY

June 2018 – Aug 2018

- Facilitated activities for 80 high school students weekly related to community service entrepreneurship and starting business

Integrated Mathematical Oncology at Moffitt Cancer Center: Research Intern – Tampa, FL

Jan 2018 – Mar 2018

- Collaborated on mathematical models related to Oncology and advanced cancer research

Dartmouth College- Hanover, NH

Dartmouth Emerging Engineers: Teaching Assistant

Sept 2017 – Nov 2018

- Tutored Dartmouth students and engineering majors in the engineering sciences pre-requisites

Wilder Physics Department at Dartmouth: Research Assistant for Professor James W. LaBelle

June 2017 – Nov 2018

- Performed data science research on medium frequency atmospheric waves under the NASA Space Grant.

Tutor Clearinghouse at Dartmouth College: Tutor

Mar. 2016 – Nov 2018

- Tutored students in several math and engineering courses

Dartmouth College Office of Undergraduate Admissions: Intern

Jan 2015 – Aug 2016

- Wrote articles and blog entries for the official Dartmouth College blogsite
- Produced videos and photographs of the college and of events to increase admissions yield rate

Summer Enrichment at Dartmouth (SEAD): Intern- Bronx, NY

Nov 2016 – Mar 2017

- Identified cohort of ten high school freshmen from the Bronx for rigorous Dartmouth enrichment program
- Co-taught course called "College and Career Success" to all freshmen students and AP Calculus AB
- Assisted High School Juniors and Seniors with College Application Process

Machine Shop at Thayer School of Engineering: Shop Teaching Assistant

Sept 2015 – Sept 2018

- Certified to run, teach, and maintain various mechanical machines including Laser Cutters, 3D Printers, Vertical and Horizontal Bandsaws, Sanders, Mills, DI WireBender, Thermoforms, Solidworks software, and Lathes.

Breakthrough New York

Breakthrough New York: High School Application Mentor

Aug 2016 – Dec 2017

- Remotely Mentored Rising 9th Graders in Applying to Public, Independent, and Boarding High Schools

Breakthrough New York: Teaching Fellow – New York, NY

June 2016 – Aug 2016

- Teaching 7th Grade Science to Breakthrough students at the Town School in Manhattan
- Evaluating students daily based on their performance and understanding of material taught in class
- Created lesson plans, presentations, quizzes, exams, exit-slips, and note-packets for student-use.

Bronx Center for Science and Mathematics- Bronx, NY

Bronx Center for Science and Mathematics: Logistics Manager

Aug 2015 – Sept 2017

- Reviewed and edited rising seniors in their college applications and college essays
- Used Excel and other Microsoft Suites to create and manage student progress and attendance

Bronx Center for Science and Mathematics (BCSM): Intern

Nov 2015 – Dec 2015

- Guided and assisted students by editing college essays and applications or assisting students in being proactive
- Planned successful Alumni Day Event with over 125+ guests making use of social media

BioScience Communications at Edelman, LLP: Public Relations Intern – Manhattan, NY

June 2015 – Sept 2015

- Organized, edited, researched, and created lists, data, marketing materials, and databases for Biomedical Conferences and products from companies such as Alcon and Pfizer.

Activities

- Society of Hispanic Professional Engineers, Dartmouth Fencing Club, Alpha Theta Gender-Inclusive Greek House, Gender-Inclusive Greek Council, Summer Sing Dynasty