

Sami Ascha

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Education

Tufts University c/o 2019; Medford, MA; GPA: 3.4
B.A. – International Relations and Computer Science
Dean's List Honors

University School of Cleveland c/o 2015; Hunting Valley, OH
National Merit Scholar; AP Scholar with Distinction; Congressional Debate State Semifinalist

Experience

[District Office Intern, 2014] – Office of Congressman David Joyce
Assisted with interest group research and data collection, met with constituents and small businesses throughout Northeast Ohio.

[Investment Analyst, 2015] – Tufts Financial Group
Analyst for TFG's energy sector. Assisted with two stock pitches – Sempra Energy, a natural gas utilities company based in California, and Cheniere Energy, an international LNG provider.

[Assistant Instructor, 2016] – Jusoor for Syria
I spent one month in Eastern Lebanon working as an assistant teacher instructing Syrian refugees (ages 6-13) in areas such as English, general science, and arts/crafts. Jusoor, the NGO I worked for, operates several refugee schools near the Syrian border. Part of my work included conducting interviews on behalf of the organization to evaluate refugee health and immunization. [\[MORE INFORMATION\]](#)

[Student Intern, 2017 - present] – Tufts University Student Loan Office
Responsible for data analysis and organization of highly confidential loan information through a variety of restricted databases utilized by the university. Full-time during the summer, part-time during the school year.

[Labor Market and Migration Research, 2017-present] – Tufts Institute for Global Leadership
Undergraduate research with NIMEP, a collegiate think-tank with focus on Middle East & North African affairs funded by Tufts' Institute for Global Leadership. My research team aims to characterize and predict MENA-EU migration patterns. In the spring, I will travel to Lebanon to research labor market outcomes for refugees, after which I will complete a 20 page literature and research analysis to be published in the IGL's annual journal.

Skills & Interests

- Language Experience: Arabic (fluent), Spanish (intermediate)
- Coding Experience: C, C++, R, Python, Javascript. Notable projects have included server-side/database maintenance, data mining, statistical regressions, and web scraping.
- Writing Samples: [\[Click here for my Tufts Daily profile\]](#)
- Other: MS Office Suite, Adobe Photoshop and After Effects

Notable CS Projects:

Lossy Image Compressor (~3% loss after decompression)	(C)
Geolocation Database Server using MongoDB and Google Maps API (Javascript)	
SQL functionalities (relational algebra)	(C++)
PPM Image rotator	(C)
8-register Universal Machine and Assembler	(C)

In progress: text mining and analysis of absentee voting data provided by Cuyahoga county board of elections. The goal is to predict political leanings of those who have left Northeast Ohio using p-value hypothesis tests. (R)

Research Projects in International Relations:

- 20 page literature review analyzing the relationship between oil wealth and insurgency in developing countries (2016)
- Labor market outcomes for Syrian refugee families in Lebanon, to be completed after a research trip in August 2018. Topics of analysis will include household dependence on child labor, prevalence of unauthorized labor, and working conditions, with the primary goal of characterizing the degree to which refugees have been integrated into the labor market.