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| **Gowtham Asokan**Boston, MA 02215 • (617) 697-1407 • [GitHub](https://github.com/g-asokan) • gashokan@bu.edu  |

**Education & Affiliations**

**Boston University, College of Arts and Sciences**

M.S. Computer Science Jan 2021

Courses: software design, data structures and algorithms, computer architecture, operating systems, data science with python, data analysis and visualization with r, database management.

B.A. Economics and Political Science May 2019

Courses:

**Istanbul International Community School** May 2015
International Baccalaureate Diploma Program

Silver and Bronze Dolphin Awards for Academic Excellence

Chess Captain

**Volunteering**

Living assistance volunteer - Bomonti Old Age Home in Istanbul April 2014

CFO - Boston Area Model United Nations Conference October 2017

**Work Experience**

**BU SPARK!**,Boston, MA | November 2019 – Present

**Data Science Project Manager**

* Leading 6 teams focused on data science projects helping local governments, non-profits, and publications such as the City of Boston, NAACP, and WGBH.
* Conducting analysis on media sentiment, campaign finance contributions, and the impact of confidential informants on case reversals using NLP sentiment analysis, topic modelling, and web scraping tools.
* Coordinating client meetings to translate their technical needs and business goals to the Data Science teams.

**CERES INSTITUTE, WHEELOCK COLLEGE -** Boston, MA | June 2020 – August 2020

**Research Manager**

* Worked with an interdisciplinary team examining youth recidivism in the MA Department of Youth Services’ YES program using caseworker notes and youth demographic information.
* Managed a team of 2 researchers running logistic regression, Natural Language Processing techniques to determine causes for youth engagement in the YES support program.

**PARDEE SCHOOL OF GLOBAL STUDIES, BOSTON UNIVERSITY -** Boston, MA | June 2020 – August 2020

**Research Assistant**

* Worked with an interdisciplinary team to study the ReOpen movement aiming to loosen quarantine restrictions.
* Scraped the various Facebook pages using proxy servers, selenium web driver and running NLP techniques such as LDA topic modelling, word vectorization, sentiment analysis to understand motives and summarize trends.

**THE AMICUS CURIAE NETWORKS PROJECT**,Boston, MA | January 2019 – August 2019

**Research Assistant**

* Assisted Boston University Professor Dino Christenson in National Science Foundation funded project to catalogue non-state signers on Amicus Curiae briefs to measure their social influence with network theory.
* Implemented Python NLTK library to search Amicus curiae using word vectorization.

**AXON**, Seattle, WA | June 2018 – August 2018

**Public Relations Intern**

* Designed European marketing plan for Germany, France, UK, and Italy in collaboration with cross-functional teams across Gov. affairs, Product marketing, and Europe.
* Synthesized European market concerns and needs such as AI, Cloud security, GDPR, and upgraded law enforcement technologies into report as foundational support for the upcoming 5-year business operations.
* Produced messaging map for the Taser 7 by leveraging engineering specifications for public messaging.
* Organized and managed interview between the President of Axon and the Phoenix Business Journal to boost company brand profile in preparation for Software recruitment event.

**REACT NEWS,** Boston, MA | Fall 2015 – Spring 2019

**Co-Founder of collegiate world affairs newscast**

* Interviewed Former Indian cabinet minister, Kapil Sibal regarding the Indian justice and judicial systems.
* Produced and anchored 20 segments on current global affairs such as the Indian farmer crisis and healthcare systems in Central Africa.

**THE INTERNATIONAL RELATIONS REVIEW** Boston, MA | Fall 2016 – Spring 2019

**Co-Editor-in-Chief**

Scholastic award-winning journal that has been featured in the Library of Congress.

* Project managed and organized team of digital and layout editors to design and create a 60 page bi-annual publication with 2000+ student readership.
* Hired and mentored 30+ student journalists in writing, editing, and media technician roles and monitored prepress process using the Adobe Creative Cloud.
* Lead weekly editorial meetings to discuss both academic content and magazine production logistics, including design, printing, marketing & advertising.

**Skills**

Python – Natural Language Processing, Pandas, NumPy, Matplotlib, NLTK, C++, R, SQL, Stata, Web Development, Video Editing and Production, Public Speaking, Fluent Tamil, Fluent Turkish, Elementary French, IT customer service