

Eliana Mugar

U.S. Air Force Officer
Sacramento, CA | (916) 337-5499 | elianamugar7@gmail.com
[LinkedIn](#) | [GitHub](#) | elianamugar.com

EDUCATION

Boston University 2023
B.A. Linguistics and Computer Science; Minor in Film and Television Boston, MA

PROFESSIONAL EXPERIENCE

Investigator Analyst Dec 2023 – Present
Quilligence, Inc. Remote

- Monitored online accounts to help prevent threats and doxxing targeting high-profile individuals using open-source intelligence (**OSINT**) techniques and tools.
- Completed data entry tasks to update database information and maintain investigative records.

Film Editor Jan 2020 – Present
Freelance Remote

- Utilized **Adobe Premiere Pro**, **After Effects**, and **DaVinci Resolve** for award-winning films.

Information Technology Service Desk Aug 2020 – May 2023
Boston University IT Help Center Boston, MA

- Supported the university's network by troubleshooting technical issues in hardware and software.
- Triaged problems by assessing and diagnosing user issues over the phone.

Researcher Jan 2021 – Aug 2023
Evaluating Variations in Language Lab / Supervisor: Dr. Patrick Juola Pittsburgh, PA

- Researched text-based authorship using **Python**, **Microsoft Excel**, and computational linguistics research methods.
- Co-authored journal-accepted research papers and presentations.
- Conducted experimental research using self-made **NLTK Python scripts**.

Research Assistant Jun 2022 – Oct 2022
Boston University Phonetics, Acquisition & Multilingualism Lab / Supervisor: Dr. Charles B. Chang Boston, MA

- Utilized **Microsoft Excel** and **Praat** to transcribe and denote phonetics from recorded audio files.

ORGANIZATIONS

Entertainment 2 Affect Change Sep 2023 – Present
Emerging Leaders Board Member, Event Photographer Boston, MA

- Assisted the growth of the nonprofit organization and increased traction for projects through community outreach.

Women in Technology Aug 2020 – Aug 2023
Social Media Manager Manila, Philippines

- Partnered with **Google Philippines** for the Digiskarteng Pinay event to create and write scripts for tutorial videos on online business creation.
- Assisted with uploading and editing content for the official **WiTech YouTube channel and TikTok**.

Delta Kappa Alpha Professional Cinema Fraternity, Beta Chapter

May 2021 – May 2023

President

Boston, MA

- Directed communication between the National Council, executive boards of different chapters, the local executive board, and chapter members.
- Used organizational development strategies to optimize efficiency by restructuring internal projects and the organization chart.
- Produced semesterly productions.

Boston University Linguistics Association

Nov 2020 – May 2023

President

Boston, MA

- Handled administrative issues and emails.
- Managed clear communication among 60+ members.
- Established rapport with professors in the department and researchers in the field.

HONORS & AWARDS

Provost's Scholars Award for Academic Exploration in the First Two Years

May 2021

Awarded to students who have demonstrated their willingness in their first two years of college to stretch themselves intellectually.

Dean's List

Jan 2020 – May 2023

Awarded all semesters for recognition of students with a 3.5 GPA or higher.

Award from the Career Technical Education (CTE) Department

Jan 2019

The CTE Department chooses one individual who's made an impact on CTE at school.

Mary Cassatt Award for Excellence in French Studies

Jan 2019

One student is chosen for the whole semester out of all the teacher's classes for their excellence in the class.

LICENSES & CERTIFICATIONS

Human Subjects Protection Training: Social & Behavioral Focus

Issued May 2022 – May 2025

CITI Program

Seal of Biliteracy

Issued May 2019 – No exp.

State of California

FBLA Financial Literacy

Jan 2017 – No exp.

Future Business Leaders of America, Inc. (FBLA)

LANGUAGES

English (Native); **French** (Intermediate); **Tagalog** (Intermediate); **German** (Elementary); **Spanish** (Elementary); **Portuguese** (Elementary); **Italian** (Elementary); **Russian** (Elementary); **Modern Greek** (Elementary)

SKILLS

Programming: Python, NLTK, Java, JavaScript, HTML/CSS

Research & Data: Microsoft Excel, GitHub, Praat, stylometric analysis, authorship attribution

Creative Software: Adobe Premiere Pro, After Effects, Audition, Photoshop, Lightroom Classic, Illustrator, DaVinci Resolve, Final Cut Pro

Productivity: Microsoft Word, PowerPoint

RESEARCH PUBLICATIONS & PRESENTATIONS

Adjectives and Adverbs as Stylometric Analysis Parameters

Lukin, E., Roberts, J. C., Berdik, D., **Mugar, E.**, & Juola, P.
International Journal of Digital Humanities, May 2023

Cleaning Roget's Thesaurus: Adjective Categorizing

Mugar, E.
CAS LX496: Computational Linguistics, Boston University, May 2023

Misinformation: The Disease Borne out of the COVID-19 Pandemic

Mugar, E. & Rigor, S.
CAS LX390: Topics in Linguistics: Metrics and Evaluation in Natural Language Processing, Boston University, Apr 2023

Twitter Sentiment Analysis Model Comparison

Mugar, E. & Rigor, S.
CAS LX390: Topics in Linguistics: Metrics and Evaluation in Natural Language Processing, Boston University, Feb 2023

Construction and Analysis of a Map-Based Data Corpus for Tracking Linguistic Variation and Demographic Characteristic Identification

Manning, T. D., Lukin, E., Klein, R., Roberts, J. C., **Mugar, E.**, Fang, M., Niyu, H., Napolitano-Jawerbaum, A., & Juola, P.
Text as Data Conference (TADA), Roosevelt Island, NY, Oct 2022

Construction and Analysis of a Map-Based Data Corpus for Tracking Individual Token Use and Demographic Characteristic Identification

Manning, T. D., Lukin, E., Klein, R., Roberts, J. C., **Mugar, E.**, Fang, M., & Juola, P.
Digital Humanities Unbound, Remote, May 2022

Modality in Mandarin Chinese and Tagalog

Mugar, E. & Rigor, S.
CAS LX331: Semantics and Pragmatics, Boston University, Apr 2022

Monitoring Surveillance Capitalism: Enabling Empowerment to Digital Citizens

Mugar, E., Park, D., Harrison, A., Cramer, M., Nanda, S., & Comenole, K.
CGS Capstone Thesis, Boston University, Apr 2021

Creakin' Up with the Kardashians: A study of creaky voice in gendered interactions

Tighe, A., Small, A., Rice, J., **Mugar, E.**, Charley, C., Stemerman, C., & Johnson, J.
CAS LX342: Language, Race, and Gender, Boston University, May 2021