

Jonathan Elkobi

yelkobi@ucsd.edu | 442-248-7948 | San Diego, CA | [LinkedIn](#)

EDUCATION

Yale, Graduate New Haven, CT
Incoming Ph.D. student, Political Science, August 2024-

UC San Diego, School of Global Policy and Strategy San Diego, CA
Master of Chinese Economics and Political Affairs September 2022-June 2024

- Honors: 3.96/4.0, Academic Merit Scholarship, First in Class of 2024

Hebrew University (HUJI) Jerusalem, Israel
Bachelor of Art, Business Administration and China Studies September 2019-July 2022

- Honors: 96.6/100, Academic Excellence, Dean's List (2019-2021); Rhodes Scholarship Finalist (2021)

PUBLICATIONS

J. Elkobi, B. Gruner, T. Sonnekalb and C. -A. Brust - "TIPICAL - Type Inference for Python In Critical Accuracy Level" *2023 IEEE/ACIS*

ACADEMIC CONFERENCES PRESENTATIONS

2024, 2023 APSA - American Political Science Association Annual Conference
2024 PolMeth – Society for Political Methodology Annual Conference
2024 MPSA – Midwestern Political Science Association Annual Conference
2024, 2023 SPSA - Southern Political Science Association Annual Conference
2023 SERA - 21st IEEE/ACIS International Conference on Software Engineering, Management and Applications
2023 AAS - Annual Asian Studies Conference
2022 Carter Center - Young Scholars Forum on U.S.-China Relations
2022 ADHO - Digital Humanities Annual Conference

EXPERIENCE

UC San Diego San Diego, CA
Student Researcher December 2022–Present

- Develop Natural Language Processing Algorithm to conduct Topic Modelling on streaming corpora with millions of newspapers articles using machine learning frameworks
- Analyze the Chinese Local Bond Market using time series analysis, and fixed effect regressions
- Enhance an Elite Database by scraping data from external official Chinese Government websites and applying GPT API calls to extract relevant information

German Aerospace Center Jena, Germany
Software Engineering Research Intern June 2022–August 2022

- Developed machine learning type inference algorithm by combining machine learning and novelty detection, achieved high assurance F1 scores for automated type inference
- Synthesized data using various Python libraries (Spacy, Numpy, Pandas, Matplotlib, Annoy) for software security

Hebrew University Jerusalem, Israel
Research Project Manager | Teacher Assistant August 2021–September 2022

- Facilitated supplemental instruction of statistics, finance, Python, and accounting courses for 50+ students
- Instruct Excel for financial accounting and extensive teaching financial models like pricing bond deals, future stock prices, cost-benefit analysis; valuations, NPV, IRR, and cash/accounting margins.
- Developed computational pipelines in Python using NLP models, Data Mining, Big Data Analysis, and Machine Learning

- Presented and visualized the data analysis with Python and Tableau

Student Union

Jerusalem, Israel

Head of Academic Department | Vice Secretary

August 2020–August 2021

- Initiate policy reform, education programs, and mentorship with school leadership for 25,000 students
- Supervised a team of 26 people in 12 academic departments, allocated annual program budget of \$140k

Shabus

Jerusalem, Israel

Founder | Chief Executive Officer

November 2019–August 2020

- Governed a cooperative NGO for free public transportation for low socio-economic populations, achieved publicly funded bus line adoption of 50% in 3 rural areas
- Operated six bus lines for 4,000 of monthly users to increase transportation and reduce the carbon footprint
- Executed a business development and fundraising strategy by mobilizing support of politicians, secured \$60k

The Israeli Labor Party

Hod Hasharon, Israel

Head of Hod Hasharon Branch

September 2018–July 2019

- Led a branch of 1200 members, organized weekly events and managed a budget of \$25K
- Promoted policies and projects at the municipal level,
- Administered local and national election campaigns

IDF

Hod Hasharon, Israel

Financial Planner | Educator

September 2015–July 2018

- Planned the financial models for all the educational seminars in the IDF, combined budget of \$2.5M
- Educate 200 youth at risk education, conducted military preparation sessions in community center

AWARDS

2024 Graduate Travel Award – PolMeth

2024 Academic Achievement (Highest GPA) - GPS, UC San Diego

2024 Richard Convignton (Best Paper) - GPS, UC San Diego

2023 Travel Award - APSA

2023 SPARK Award - Political Communication Section, APSA

2023 Graduate Student Travel Award – GPS, UC San Diego

2022-2024 Academic Merit Fellowship – GPS, UC San Diego

2021-2022 Academic Excellence Award - The Department of Asian Studies, HUJI

2022 International Travel Support (ITS) - the Louis Frieberg Center

2022 Ida Wechsler and Charles Wechsler Merit Scholarships in East Asian Studies

2020-2021 Dean’s List Student - HUJI Business School

2021 Rhodes Scholarship Finalist

2020-2021 Best Seminar Paper - The Department of Asian Studies, HUJI

2020-2021 Academic Excellence Award - The Department of Asian Studies, HUJI

2019-2020 Dean’s List Student – HUJI Business School

2019-2020 Honor for Special Contribution - The Department of Asian Studies, HUJI

SKILLS

- Natural Language Processing, Python Data Analysis, Data Visualization using Python and Tableau, Excel
- Financial Planning, Cost Benefit Analysis, Business Development, Contract Management, Classroom Instructor
- Languages: Chinese Working Proficiency, Hebrew Native Speaker, English Proficiency, Basic German (A2)