

Hasan Kayman

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EDUCATION

CCNY, The City University Of New York

New York, NY

Master of Science

Dec 2024

Major in Computer Science; Specialization: Cybersecurity

Cumulative GPA: 3.97/4.0;

Relevant Coursework: Machine Learning; Cryptography; Software Engineering; Algorithms; Computer Security;

Dokuz Eylul University

Izmir, Turkey

Bachelor of Science

Jun 2022

Major in Computer Science;

Cumulative GPA: 3.82/4.0; Dean's List 2018-2019, 2019-2020, 2020-2021, 2021-2022

Relevant Coursework: Artificial Intelligence; Machine Learning; Algorithms; Data Analysis; Parallel Programing;

Combinatorial Optimization; Number Theory;

WORK EXPERIENCE

The City University Of New York.

New York, NY

Adjunct Lecturer

Aug 2024 – Present

- ENGR 59811 Artificial Intelligence and Machine Learning for Engineering (a second-year undergraduate level course)
- CSc 10400 Discrete Mathematics Recitation (a first-year undergraduate level course)
- Deliver lectures, design and grade homework assignments, provide student support and hold regular office hours.

Teaching Assistant

Oct 2023 – Jun 2024

- CSc 30400 Theoretical Computer Science (a third-year undergraduate level course)
- Graded weekly assignments, midterm, and final exams for 90 students in a Theoretical Computer Science course.

Blockchain Startup

(Remote) Paris, France

Software Engineer

Apr 2022 – Jan 2023

- I developed projects including smart contracts for DEXs, staking, vesting, migration, lottery, lending, custom tokens, and various bots and scripts for blockchain automation and analysis.

Krontech

Istanbul, Turkey

Machine Learning Engineer Intern

Aug 2021 – Sep 2021 & Jul 2018 – Aug 2018

- I tested a project that uses machine learning to detect unusual behavior based on how people type and tap. This project later became a service offered by Krontech. I validated the idea with five people by collecting and analyzing data, and then developed, trained, and tested the algorithm.
- I managed SQL databases, developed PHP admin panels, and utilized Linux command-line tools to enhance system efficiency.

Upwork

(Remote) Izmir, Turkey

Freelancer Data Scientist

Feb 2019 – May 2020

- I conducted data visualization projects with large datasets and developed code to select optimal visualizations.
- I executed web scraping projects on Twitter and Reddit, performed data preprocessing, and applied text mining techniques including NLP, LDA, and Word2Vec utilizing skills in Data Mining and Data Analysis.

SKILLS

Technical Skills: Python, SQL, C, Data Visualization, Machine Learning, Data Analytics, Deep Learning, Statistical & Math Modelling, Matplotlib & Tableau, SciKit-Learn, NumPy, BeautifulSoup, Seaborn & Pandas, Selenium, TensorFlow & Keras & Pytorch, Blockchain, Finance Math, Optimization, Computer Vision, Natural Language Processing (NLP), Version Control Systems (e.g., Git)

Certifications & Training: in LinkedIn Account, Also More Certificates Available Upon Request

Selected Coursework and Projects: AI-Based Price Estimation & Algorithmic Trading Automation With Portfolio

Optimization on Cryptocurrencies, Anomaly Detection Through Keystroke, Adversarial AI, AI for Engineering Applications, Text and Web Mining, Data Mining

VOLUNTEER ACTIVITIES

Volunteer Teacher, Pitesti, Romania

June - Aug 2019

- Taught English to 11-12 year old children

PERSONAL INTERESTS

- Playing chess and reading philosophy.