

ANGEL GANTZIA

617-201-4267 | angel_gantzia@outlook.com | [linkedin/in/angel-gantzia/](https://www.linkedin.com/in/angel-gantzia/) | github.com/a-gantzia

EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, SLOAN SCHOOL OF MANAGEMENT Cambridge, MA
Candidate for Master of Business Analytics, Operations Research Center, August 2024 2023 - Present

- Awards: MIT Office of Graduate Education Full Fellowship (merit-based; tuition and stipend)
- Analytics Lab with AB INBEV: Measured financial impact of product recommendations with counterfactuals (Python)
- Activities: Healthcare Club, Technology Club, Sloan Event Committee Officer, Archery Club, Sloan Pride
- Cross-registered at Harvard

ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS Athens, Greece
BSc in Management Science and Technology, Division of Operations Research and Business Analytics 2016 - 2020

- GPA 9.27/10; 3rd in the class; Top 2.5%
- Coursework: Algorithms and Data Structures, Stochastic Modeling and Simulation, Combinatorial Optimization
- Study Abroad: University of Southern Denmark, Faculty of Engineering (Fall 2018)
- Leadership & Activities: Investment & Finance Club (Board), AIESEC (Volunteer in Ukraine), Debate Club

TECHNICAL SKILLS

- Python (NumPy, Pandas, Scikit-Learn, TensorFlow), R, Java, SQL, JavaScript, Git, Julia/JuMP, HTML/CSS

EXPERIENCE

MIT SLOAN / TAKEDA Cambridge, MA
Data Scientist Intern, MIT Capstone Project Feb 2024 - Present

- Aim to conduct competitor protocol intelligence to reduce patient burden
- Parse unstructured data to extract insights that remove redundant patient procedures during clinical trials (Python)

MIT OPERATIONS RESEARCH CENTER Cambridge, MA
Research Assistant to Professor Dimitris Bertsimas Spring 2024

- Created web-app with interactive map features to reflect the US organ transplantation system (JavaScript, Vue)
- Identified time-consuming bottlenecks in decision process that lead to organ disposal, informing policy development

SATALIA Athens, Greece
Data Scientist 2022 - 2023

- Developed live-stream video and viewership scraper for YouTube and Twitch content (Python, Selenium, Streamlink)
- Built brand detector for video product placement with 83% accuracy for 200 hours of content and proposed optimal brand placement using attention scoring (Python, ImageHash, YOLOv7, Google Vision)
- Enhanced annotation engine using open-source multi-modal vision and language models to raise ad click rates via counterfactuals (Python, Google Vision, Hugging Face)
- Implemented API capturing user psychometric features for dynamic exercise difficulty in learning platform (Python)

ERNST & YOUNG Athens, Greece
Business Analyst (return offer from Consulting Intern Summer 2020) 2020 - 2022

- Created client opportunity-to-revenue forecasting tool, surpassing by 26% accuracy of partners' estimates (Python)
- Led 4 initiatives, for technological enhancements, to successful and punctual completion with multiple clients
- Expedited by 500% manual financial reporting procedures within digital transformation project
- Earned EY Badges (training / project) for Data Science, Data Visualization, Climate Change & Sustainability

ATHENS UNIVERSITY OF ECONOMICS AND BUSINESS Athens, Greece
Researcher with Prof. Chatziantoniou Damianos, Dept. Management Science and Technology 2021 - 2022

- Engineered prototype for ad-hoc, code-free visualized data querying (Java, SQL, Python)
- Co-authored academic paper "Data Virtual Machines: Simplifying Data Sharing, Exploration & Querying in Big Data Environments"; 2022 IEEE International Conference on Big Data; Osaka, Japan

ADDITIONAL INFORMATION

- Data science professional certificate of 500 hours hands-on industry-level training program, Spring 2021 (Python)
- Languages: Greek (Native)
- Interests: Avid fantasy novel reader, keen baker, painter, amateur archer, piano enthusiast