Panayotis - (Philip) Papavassilopoulos

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EDUCATION

University of Illinois Urbana-Champaign (UIUC)   *August 2023 - Present*
Doctorate of Philosophy, Grainger College of Engineering (Advisor: Prof. Grani A. Hanasusanto)
- Area of study: Industrial Engineering/Operations Research

National Technical University of Athens (NTUA)   *June 2023*
Bachelor of Science & Master of Science in Electrical and Computer   Grade: 8/10
Engineering (5-year joint degree)
- <u>Thesis:</u> Assessment of Sustainable Development Goals with Integrated Assessment Models in the Energy field
- <u>Related Coursework:</u> Probability Theory and Statistics, Multiple Criteria Decision Analysis, Analysis of Data, Forecasting Techniques, Algorithms and Complexity, Operating Systems, Neural Networks and Machine Learning, Data Analysis/Database Systems, Web/ Mobile App Development

EXPERIENCE

University of Illinois Urbana-Champaign   *Urbana-Champaign, Illinois, USA*
Teaching Assistant for the course IE405 "Computing for ISE"   *September 2024 - present*
- Conducted office hours to clarify and expand upon classroom concepts for students, graded exams and homework assignments

Decision and Support Systems Laboratory (NTUA)   *Athens, Greece*
Undergraduate Researcher   *September 2022 - August 2023 (1 year)*
- Analyzed policies by assessing Sustainable Development Goals with Integrated Assessment Models, used Multiple Criteria Optimisation methods and Algorithms

Startup Business SoFiLy   *Athens, Greece*
Co-founder   *April 2021 - June 2023 (2 years, 3 months)*
- Developed a social fit network app which uses computer vision and body tracking technology in motion games
- Conducted research to formulate commercial strategies and facilitated cross-functional collaboration between the business and technical teams

Stochasis Management Consultancy S.A.   *Athens, Greece*
Part-time Intern   *January 2022 - December 2022 (1 year)*
- Conducted data collection and analysis for Greek Economy's Primary and Secondary sectors, contributing insights to studies and reports

Control Systems and Robotics Laboratory (NTUA)   *Athens, Greece*
Lab Assistant   *March 2021 - June 2021 (4 months)*
- Engaged in lab experiments and contributed to the development of educational materials used in student exercises

Volunteer Private Tutor   *Athens, Greece | September 2018 - May 2021 (2 years, 8 months)*
- Provided one-on-one tutoring students in high-school level mathematics, physics, and informatics
- Adapted the lessons to individual learning styles, communicated complex concepts in a clear and understandable manner

PERSONAL SKILLS

Computer Skills:
- Programming Languages (Advanced): C, C++, Python, Java, JavaFX, SQL, Swift, XML
- Programming Languages (Basic): MatLab, Node.js

Software Skills: Unix, Apache Spark, Hadoop, Microsoft Excel

Spoken Languages: Greek (Native), English (Fluent), French (Intermediate)

PROJECTS, HONORS & AWARDS

'CodeBiz' National student competition (Team 1st place)   *Athens, Greece | April 2021*
- Student competition which combines business skills with innovation and programming
- Developed a social networking app utilizing motion tracking and machine learning, promoting physical activity and socialization where users could record, mimic, and engage in motion-based games
- Post-competition, adapted the app for use in injury restoration programs, showcasing its practical application in healthcare

SOCIETIES & AFFILIATIONS

Hellenic Students Association of UIUC (*August 2023 - present*). *Urbana-Champaign, Illinois, USA*
Member *August 2023 - present*
- Contributed to organizing and participating in events designed to connect Greek students and community members in Urbana-Champaign
- Promoted Greek customs and traditions throughout the year, fostering a shared cultural identity and preserving Greek heritage

Model United Nations (MUN) NTUA Team *Thessaloniki, Greece*
Delegate *May 2017*
- Shaped policies as a United Nations delegate during MUN competitions to address real-world challenges