

# 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)*

- Thesis: Assessment of Sustainable Development Goals with Integrated Assessment Models in the Energy field
- Related Coursework: 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

**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

**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