CHRISTOPHER A. SIDAROUS

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EDUCATION

University of Pittsburgh *Expected May 2025*
B.S in Computer Science and B.S in Data Science
Spring 2024 GPA: 3.50/4.00

Relevant Coursework
- Algorithms and Data Structures, Computer Architecture and Assembly Language, Discrete Structures, Intro to Data Science, Intro to Operating Systems, Intro to Systems Software, Web Development

SKILLS

Languages: Java, Python, JavaScript, C, SQL, R, HTML, CSS

Frameworks/Technologies: Flask, React Native, SQLAlchemy, Pandas, Scikit Learn, Git, Excel, Data Bricks

Other Skills: Agile Methodologies, Data Analytics, Data Cleaning, Data Visualisations, Machine Learning

EXPERIENCES

Undergraduate Teaching Assistant (UTA) *August 2022-Present*
University of Pittsburgh
- Lead recitations in classes such as Intro to Computer Programming & Intermediate Programming taught in Java.
- Facilitate office hours (~7 hours/week) and host a recitation section to help students with course questions.
- Elaborate on concepts to enhance understanding and provide test taking skills.

IT Intern *June 2022-August 2023*
Lavner Education, Lower Gwynedd, PA
- Taught Java, Lua, and other tech skills to students via web, app, and game development.
- Delivered educational content to classes of 6-10 students, ages 6-14, in both a group and one-on-one settings.
- Facilitated with the setup and maintenance of 40 on-site computers hardware, software, and connectivity.
- Provided ongoing troubleshooting and technical support to staff and students.

PROJECTS

Supply Chain Data Analytics for Thermo Fisher *January2024-April 2024*
Capstone Project, University of Pittsburgh
- Collaborated with a student team to address supply chain challenges for Thermo Fisher by predicting part lead times using Machine Learning models.
- Employed Agile methodologies to ensure efficient project management and timely delivery.
- Applied data science techniques for data exploration, cleaning, and visualization using Python and scikit-learn.

Nomadify *June 2023-August 2023*
Group Project, Personal
- Developed Python-based APIs seamlessly incorporating OpenAI's AI capabilities, Foursquare's geolocation features, TripAdvisor's travel insights, and other essential APIs.
- Spearheaded development of an AI-powered web application for backpack planning catering to travel enthusiasts.
- Collaborated with a team consisting of 4 undergraduate students as a key technical problem solver.

ORGANIZATIONS

Computer Science Club at Pitt *Developer (PITT API)* *June 2024-Present*
Philly Community Wireless (PCW) *Data Science Volunteer* *June 2024-Present*
Coptic Orthodox Youth Association at Pitt (COYA) *Vice President* *September 2021-Present*

ACCOMPLISHMENTS & AWARDS

Student Choice Award (SheInnovates Hackathon)