

CHRISTOPHER A. SIDAROUS

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EDUCATION

University of Pittsburgh

B.S in Computer Science and Data Science
Dean's List

Expected May 2025

Spring 2024

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.
- Elaborating 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 on-site computer hardware, software, and connectivity.
- Provided ongoing troubleshooting and technical support to staff and students.
- Assisted with debugging code, project backup, and computer clean-up.

PROJECTS

Supply Chain Data Analytics for Thermo Fisher

Spring 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, preprocessing, cleaning, and visualization using Python and scikit-learn.

Nomadify

Summer 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

Pitt Coptic Orthodox Youth Association (COYA) *Vice President*

Pitt Computer Science Club *Member*

ACCOMPLISHMENTS & AWARDS

Student Choice Award (SheInnovates Hackathon)

Spring 2023