

Arda Tasci

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Education

New York University
BS in Management Information Systems

Sept 2025 – June 2028

New Jersey Institute of Technology
BS in Financial Technology

- GPA: 4.0/4.0

Sept 2024 – December 2025

Experience


Data Analyst Intern
Colinear Machines

Sparta, NJ
Sept 2024 – Present

- Worked personally with CFO Charles Moroni and CEO Mark Heston.
- Automated the collection and auditing of 1476 tax reports using Pandas and Selenium.
- Automating KPI metric collection and report creation via SQL and Python.

Website & Technology Administrator
Laugh Out Together Foundation

Orange County, CA
June 2022 – Present

- Raised over \$15,000 in school supplies for students in low-income areas in Santa Ana and Tustin.
- Led web development team and managed system administration. (laughouttogether.org )
- Managed 3 teams consisting of 2 junior and 2 senior developers each.
- Held and taught in several coding workshops in low income areas for middle and elementary school students.


Research Intern
New Jersey Institute of Technology

Newark, NJ
June 2024 – July 2024

- Worked with Dr. Bader on evaluating the behavior and performance of triangle-counting and sorting algorithms in parallel computing via MPI.
- Wrote and debugged sorting and graph traversal algorithms in C.
- Compared algorithm performance in sequential and parallel structures.

High School Research Assistant
Harvard University

Cambridge, MA
June 2023 – July 2023

- In a joint research initiative with Dr. Bader at NJIT, Assisted Dr. Pfister and his team in a PhD candidate's neural research project. ([Vimo](#) )
- Aided in the tracing and detection of neuronal connectivity motifs.
- Applied Graph traversal algorithms on connectivity maps.

Awards & Certifications

- United States Computing Olympiad (USACO) Gold Medalist
- Bloomberg Market Concepts Certification
- Bloomberg Finance Fundamentals Certification
- International STEM Olympiad - Programming Winner

Skills

- Python (Numpy, Pandas, Scikit-Learn, Pytorch, Keras, Tensorflow, LangChain Suite), C++, C, Bash (Linux), Excel (Office365), React.js, Javascript, C#, Next.js.
- Stochastic Processes, Stochastic Differential Equations, Multivariate Calculus, Linear Algebra, Deep Neural Networks, Transformers, Diffusion Models.