

Arda Tasci

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Education

New York University Sept 2025 – June 2028
BS in Mathematics

New Jersey Institute of Technology Sept 2024 – June 2025
BS in Financial Technology

- GPA: 4.0/4.0

Experience

Data Analyst Intern Sparta, NJ
Colinear Machines Sept 2024 – Present

- Automated the collection and auditing of 1476 reports using Pandas and Selenium.
- Automating KPI metric collection and report creation via SQL and Python.

Website & Technology Administrator Orange County, CA
Laugh Out Together Foundation 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 Newark, NJ
New Jersey Institute of Technology June 2024 – July 2024

- Worked with Dr. David 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 Cambridge, MA
Harvard University June 2023 – July 2023

- 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

Skills: Python (Numpy, Pandas, Scikit-Learn), C++, C, Bash (Linux), Excel (Office365), React.js, Javascript, C#, Next.js.