

Arda Tasçi

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EDUCATION

New York University | New York City

Bachelor of Science in Mathematics

GPA: N/A

Anticipated 2028

New Jersey Institute of Technology | Newark, NJ

Bachelor of Science in Financial Technology (Honors Program)

GPA: 4.0/4.0

Anticipated 2028

EXPERIENCE

Intern Data Scientist

Colinear Machines | Sparta, NJ

20 Sept, 2024 - Present

- Automating KPI metric collection and report creation via SQL.
- Directly working with president Mark Heston and CFO Charlie Moroni

Chief Technical Officer

The Laugh Out Together Foundation | Orange County, CA

Sept. 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 (<https://www.laughouttogether.org>)
- Held and taught in several coding workshops in low income areas for middle and elementary school students
- Managed 3 teams consisting of 2 junior and 2 senior developers each

Research Intern

NJIT YWCC | Newark

June 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

Harvard | Cambridge, MA

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
- Implemented neural analysis algorithms on large datasets

PROJECTS

customhub.io

Creator/Founder

Oct. 2020 - Present

- Web-based e-commerce management solution
- Initially a makeshift interface to optimize shipment management for private use
- After observing the increase in efficiency and costliness, upscaled to commercial project
- Currently hosting 500 users and recently reached breakeven point in profits

AWARDS & CERTIFICATIONS

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| USA Computing Olympiad (USACO) Gold Medalist | Dec. 2023 |
| Google Cybersecurity Certification | Apr. 2024 |
| International Stem Olympiad - Programming Winner | Jan. 2024 |
| Bloomberg Market Concepts Certification | Jan. 2024 |
| Bloomberg Finance Fundamentals Certification | Jan. 2024 |

SKILLS

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

STOCK PORTFOLIO:

Main Account

June 2019 - Present

- Principal amount of \$500 at 14 years old.
- 75%, 15%, and 10% on NVDA, MSFT, AMD during the Covid-19 chip shortage.
- Sold AMD for 5% ROI, NVDA for ~1500%, and MSFT for 200%.
- Account currently valued at ~13,200\$.