

TAREQ ALYOUSEF

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WORK EXPERIENCE

Wolverine Trading

Software Engineer Intern

June 2022 - August 2022

Chicago, IL

- Incoming C#/C++ Software Engineer Intern for Summer 2022

Amazon

Software Development Engineer Intern

January 2022 - April 2022

Seattle, WA

- Worked in a team for AWS that builds core distributed computing algorithms for various services
- Created a data visualization tool for hosts in a distributed computing system in a full-stack environment
- Demonstrated ability with React, Redux, Node.js, GraphQL, and Java

iD Tech Camps

Private Instructor

May 2021 - August 2021

Remote

- Taught game design with Unity3d/C# and 3D modeling with Blender as a private instructor
- Demonstrated ability to break down complex topics to an inexperienced audience

STRENGTHS

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|-------------|--|
| Languages | C#, C/C++, Java, Python, HTML, CSS, JS, TS |
| Frameworks | Ruby on Rails, React, Node.js, Django |
| Databases | MySQL, PostgreSQL |
| Software | Unity3d, Blender, GIMP, Bash |
| Development | Unix, Git |

PERSONAL PROJECTS AND ACTIVITIES

Algorithmic Trading

March 2020 - Present

- Deployed live algorithmic trading strategies using C#
- Fetched data by reading JSON objects from Polygon
- Successfully traded a parameterless algorithm using OECD data with 25% CAGR and >2 Sharpe Ratio

Backtester

December 2020

- Designed a software for testing trading strategies using C#
- Used AlphaVantage for data collection, ScottPlot for data visualization, and WPF for UI framework
- Backtested dozens of strategies ranging from mean reversion, pairs trading, and price action

Unity3d Game

June 2016 - Present

- Designed a server-authoritative, multiplayer game using Unity3d and C#
- Modeled, textured, and animated entities with Blender and GIMP
- Implemented full client-side prediction and server-side reconciliation

Personal Website

March 2021

- Designed personal portfolio using a static site generation from Node.js
- Built website using React, Node.js, HTML, CSS, and JS

EDUCATION

University of Memphis (Honors College)

August 2019 - May 2023

- B.S. in Computer Science
- Minor in Mathematics
- Concentration in Data Science
- Overall GPA: 3.94