

JUNGHO DANIEL CHOI

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EDUCATION

Univeristy of Maryland at College Park

University of Maryland, College Park (2020–Present)

- Bachelor of Science in Computer Science | 4.0 GPA

FinTech Focus Summer Program

(July 2020)

- Built full-stack web applications with Flask, MongoDB, Python, HTML, CSS, Javascript
- Iterated development upon Minimum Viable Products leading to a presentation of the final web application

WORK EXPERIENCE

MyRegistry.com | Finance Intern

Fort Lee, NJ | (September 2019 - May 2020, January 2021)

- Tracked advertiser insertion orders and identified missing transactions by reconciling transactions from various platforms retrieving over 7% of total revenue
- Identified 600+ potential financial partners through daily sales stats to be signed on as an affiliate of the gift registry service
- Created sales growth reports for advertisers and potential clients

AMC 8 Math Tutor

Fort Lee, NJ / Remote | (August 2019 - Present)

- Introduced competitive math problems to the student in preparation for the AMC 8
- Improved Student's problem solving skills through exposure of different types of math

Prestige Institute | Computer Science Teaching Assistant

Closter, NJ | (January 2018 - May 2018)

- Explained fundamental concepts in programming using the Python programming language and Arduinos
- Guided students in one-on-one code debugging sessions to further their understanding of logical errors and syntactical errors
- Motivated Students through difficult lessons topics with "bigger picture" concepts in software engineering

EXTRACURRICULAR ACTIVITIES

Smith Investment Fund (SIF) | Financial Quantitative Team

(September 2020 - Current)

- Developed a Multi-Factor model to explain the returns of several investment portfolios, using the Quandl API, Pandas, and Numpy
- Improved repository infrastructure of quantitative research tools and databases to streamline alpha research process
- Designed a live-trading feature to manage the SIF portfolio real-time

TECHNICAL PROJECTS

Imposter.io

December 2020 - January 2021 | WEBSITE, GITHUB

- Programmed a real time online web application game in which players given the "Imposter" role must blend in with the other players in a series of tasks.
- Technologies used: React JS, Websocket.io, Styled-components, Express, Node.js

Walli - Personal Finance Transaction Tracker

July 2020 | WEBSITE, GITHUB

- Created a full-stack web application geared towards students to about personal finance / money management
- Features include chart visualizations on income/expenses and a community page to share advice and tips

Financial Data Manager

September 2020 - May 2020 | JAVA, GITHUB

- Built Java Application to automate financial data management processes for our client, a wealth fund manager @ Magellan Financial Solutions, resulting in 2-3 hours saved daily.

Artificial Intelligence Bots

March 2020 - April 2020 | WEBSITE, GITHUB

- Built a VanillaJS website games for *Minesweeper* and *Floodfill*
- Implemented an AI feature for both *Minesweeper* and *FloodFill* that allows the computer to make the optimal next move

TECHNICAL SKILLS

- Javascript(ES6), React, Websockets, HTML/CSS, Java, Python, Pandas/Numpy, Git/Github, Microsoft Excel