

David Harvith

Profile

Driven and hardworking Computer Science and Math student with a solid foundation in software development, algorithms, data structures, and machine learning. Proficient in Java, Python, C/C++, and JavaScript. Recently relocated to the U.S. with U.S. citizenship. Known for taking initiative, learning quickly, and going the extra mile to solve tough problems. Excited to join teams building innovative technology. In my free time, I enjoy rock climbing and yoga.

Employment History

Teaching Assistant at The Hebrew University of Jerusalem

March 2023 — August 2024

Developed 12 comprehensive lesson plans weekly in collaboration with the lead teacher, incorporating interactive activities and differentiated instruction to cater all students

R&D intern at Bank of Israel

June 2021 — February 2023

Developed an internal software tool to automate and streamline economic data analysis, enabling researchers to extract insights more efficiently. Designed and implemented data processing pipelines and user-facing features using Python and SQL.

Education

B.S., The Hebrew University of Jerusalem

September 2023 — June 2026

Mathematics and Computer Science candidate

- 3.7 GPA

Completed coursework include:

- Algorithms (100)
- Data Structures (94)
- Programming Workshop in C & C++ (91)

B.A., The Hebrew University of Jerusalem

September 2019 — June 2024

Philosophy, Politics and Economics (PPE)

GPA: 3.7

projects

portfolio site

Developed a portfolio website featuring an interactive chat-bot to answers questions about my background, experience, and projects. Built using Node.js and React, the site showcases both frontend and backend development skills while providing an engaging way for visitors to learn about me. View it at david-harvith.com.

Stock Market Simulator

Stock Market Simulator (Java, Maven, Alpha Vantage API) – Built a simulator to test trading strategies using historical data. Applied OOP principles to support the Open-Closed Principle for easy strategy extensibility. Integrated real-time data via the Alpha Vantage API. GitHub: github.com/davidharvith/StockMarketSimulator

Details

Location :

providence, RI

number:

4012866090

email address:

davidaviadh@gmail.com

Links

LinkedIn:

www.linkedin.com/in/david-harvith-07302932b

GitHub:

<https://github.com/davidharvith>

portfolio site:

<https://www.david-harvith.com/>

Skills

Programming Languages:

C, C++, Python, Java, JavaScript

Web Development:

Basic experience with JavaScript, Node.js, React and HTML

Databases:

SQL (PostgreSQL)

Tools & Platrforms:

Git, Linux

Core CS Concepts:

Object-Oriented Programming

Algorithms & Data Structures

Machine Learning

Data Analysis

Languages

English