

David Harvith

Phone: (401)-286-6090

Email: davidaviadh@gmail.com

Location: Providence, RI

LinkedIn: <https://www.linkedin.com/in/david-harvith-07302932b/>

GitHub: <https://github.com/davidharvith>

Education

The Hebrew University of Jerusalem

GPA: **3.7 / 4.00**

Completed course work includes:

Algorithms (100)

Data Structures (94)

Software Development in C & C++ (91)

BS dual major in Computer Science and Mathematics

Expected Graduation: September 2025

The Hebrew University of Jerusalem

GPA: **3.7 / 4.00**

BA Philosophy, Political Science and Economics (PPE), Excellence Program

Graduated: June 2024

Relevant Skills

- **Programming languages:** (*Proficient*): Python, Java, C, C++; (*Familiar*): JavaScript.
- **Web development:** Spring Boot, Node.js, React, CSS, and HTML.
- **Databases:** SQL (PostgreSQL).
- **Tools & Platforms:** Git, Linux, Docker, Maven, Swagger/OpenAPI.
- **Core CS Concepts:** Object-Oriented Programming, Algorithms & Data Structures, Machine Learning, Data Analysis.

Work Experience

Teaching Assistant

The Hebrew University of Jerusalem

March 2023 - August 2024

- Developed 12 comprehensive lesson plans weekly in collaboration with the professor.
- Assessed students' mathematical and statistical skills in weekly assignments and provided feedback for improvement through the leading of practice problems.
- Incorporated interactive activities and differentiated instruction to cater to all students.

R&D Student Position

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 using Python and SQL.

Projects

Budget Tracker API

- Secure RESTful API, features include CRUD operations.
- Built using Java, Spring Boot, PostgreSQL, Swagger documentation and Dockerized for deployment.
- GitHub: <https://www.github.com/davidharvith/budget-tracker>.

Portfolio site

- Developed a portfolio website featuring an interactive chat-bot to answers questions about me.
- Built using JavaScript, Node.js and React.
- Site: <https://www.david-harvith.com/>, GitHub: https://github.com/davidharvith/portfolio_site.

Stock Market Simulator

- A CLI-based simulator that allows users to test 5 trading strategies on historical market data.
- Built using Java, Maven, Alpha Vantage API.
- Hosted on GitHub: <https://github.com/davidharvith/StockMarketSimulator.git>.