

# STEVEN RUD

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🔗 [Website Portfolio](#)

🌐 [LinkedIn](#)

🐙 [GitHub](#)

## TECHNICAL SKILLS

Python

Java

JavaScript

HTML

CSS

SQL

Git

Node.js

React

MongoDB

## SOFT SKILLS

Problem Solving

Analytical Skills

Communication

Teamwork

Quick Learner

Adaptable

Creative Thinking

## FOREIGN LANGUAGES

Russian - Mother tongue, fluent in reading and writing

Hebrew - Intermediate proficiency

## EDUCATION

Brandeis University

**B.S. – Computer Science**

📅 August 2020 – December 2023

📍 Waltham, MA

I've always admired Mathematics and the Sciences for their intrigue, purity, and application in the world. I have culminated my interest in these two fields into the study of Computer Science. So, at Brandeis I have undergone a heavy workload in Computer Science, studying Algorithms, Data Structures, Machine Learning, Natural Language Processing, Operating Systems, Data Science, and general software engineering techniques.

### Relevant Coursework

- **Fundamentals of Software engineering:** Learned the construction of large bodies of software using modern software engineering practices.
- **Fundamentals of Natural Language Processing:** Studied the natural language understanding and the theory and practice of current computational linguistic systems.
- **Fundamentals of Artificial Intelligence:** An Introduction to Lisp and heuristic programming techniques through planning natural language processing and computer vision.
- **Data Structures and the Fundamentals of Computing:** Focused on the design of algorithms and the most widely used data structures employed in solving commonly encountered problems.

## PROJECTS (more on [Website Portfolio](#))

### Custom Pac-Man Game Maker

🔗 [Pac-Man GitHub Repository](#)

- Created with Java you can build and play the classic game of Pac-Man on your own custom map.

### LEGO Set Finder Website

🔗 [LEGO Website Repository](#)

🔗 [LEGO Website](#)

- This website, developed using JavaScript and MongoDB for data storage, serves the purpose of assisting users in locating LEGO sets. It offers a range of filters to facilitate searching and allows users to keep track of sets they want and those they already own.

### Letterboxd Top 4 Movie Generator & Yearly Movie Data Analysis

🔗 [Movies Repository](#)

- This Full-Stack project was created with a Python backend and a React.js frontend with Flask and Dash libraries to create a web application that provides users with a personalized top 4 selection of their top-rated movies on Letterboxd, along with a data analysis feature showcasing the top 4 movies and the average ratings over the years.

## EXPERIENCE

### ASDAN VOLUNTEERING/PEER MENTORING

📍 Tabeetha School, Tel Aviv Jaffa, Israel

📅 Volunteered for 150 hours throughout 2 school years (2018 – 2020)

Assisted 8th and 11th grade students one-on-one and in small groups helping them improve their math skills. Reinforced classwork presented by the teacher, helped with homework, and prepared students for tests.