STEVEN RUD

✉ stevenrud77@gmail.com

📞 617 – 833 – 5690

🔗 Website Portfolio

in LinkedIn

○ GitHub

TECHNICAL SKILLS

Python

Java

JavaScript

HTML

CSS

SQL

Git

Node.js

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 – Now (Expected Graduation Dec 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, 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

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.

Attention-Based Neural Machine Translation

○ Translation Repository

- Created in Python using Natural Language Processing techniques, this attention-based neural machine translates from English to Pig-Latin.

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.