Daniel Haber

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Skilled Programmer • English Native Language • Leader • Exceptional Communication Skills

EDUCATION

Bar Ilan University   **September 2019 – August 2022 (Expected)**

Bachelor of Computer Science (BSc) **88 average**

Transcript and Courses
- HTML, CSS, and JavaScript for Web Developers by John Hopkins University
- Algorithms I: 89
- Data Structures: 87 (written as pass)

PERSONAL PROJECTS

Student Success Center- Web App
Project Manager and Developer
- A toolkit designed to assist 41,000+ students with tracking grade calculations and finding the right university program
- Managed timeline of all team members and set project goals for the team
- Designed the user interface of the project using HTML and CSS, and integrated databases that were scraped and programmed by other team members
- Weighted average calculator in Python

Chess Moves Validator- C
- Engine designed to validate a move given any chess board
- Detects a capture, check, and promotion
- Prints board and pgn analysis

Anomaly Detection Server- C++
- Server that logs data and detects potential anomalies using analysis of pre-recorded data
- Used threads to log data of multiple clients at once

Flight Anomaly Detection Simulator- C#, C++
- Program receives a flight log and displays various data and controls.
- Developed using MVVM architecture
- Used C++ DLL (as a plugin) to detect anomalies in the flight with different algorithms picked by the user
- Model communicates with FlightGear simulator through TCP connection

SKILLS

- Programming Languages: Python, Java, Assembly, C, C++, C#, JavaScript, HTML, CSS, Git
- Frameworks: .Net, React
- Linux
- Microsoft Office

EXTRACURRICULARS

Tzofim- Israeli Scouts (June 2018 – June 2019)
- Councillor and Junior Director (מרכז צעיר) in Israeli Scouts, Shevet Hermon, Toronto, with over 150 kids ranging from Grades 3-12
- Organized and executed multiple events, trips, and activities for the group throughout the year
- Supervised counsellors and coordinators of the group and enriched their leadership skills
- Organized sponsors, arranged merchandise, and oversaw multiple advertisement campaigns
- Raised attendance and engagement by 30% and 40%, respectively

Computer Science Tutor
- Ran coaching sessions to high school students in Python
- Interacted with students on a regular basis regarding their progress and difficulties
- Gave in-person enrichment sessions to the club to help them acquire greater knowledge