## **Stav Rones**

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**EDUCATION**

**Northeastern University |** Boston, MA*Expected: May 2021*

Candidate for Bachelor of Science in Computer Engineering GPA: 3.71

Relevant Courses: Circuits & Signals, Embedded Design, Fundamentals of Networks

Activities: Intramural basketball & soccer, N.U.in Greece

Awards: Placed on Dean’s list first year

**Boston University Academy |** Boston, MA*May 2017*

Honors and Activities: Varsity rowing captain (2 years), varsity basketball captain,

all honors courses, jazz band

Awards: Received honors for senior thesis

**SKILLS**

**Software:** Unity3D, Visual Studio | **Programming:** C++, C#, Python, Bash, Matlab

**Languages:** Conversant in Hebrew

**SOFTWARE ENGINEERING EXPERIENCE**

**Textron Weapon and Sensor Systems |** Wilmington, MA *Jun 2019, Dec 2019*

Software Engineering Co-op

🞊 Created an interactive graphical map Windows desktop application using C# in visual studio

🞊 Wrote a C++ program for Linux microprocessors to collect data via various communication protocols

🞊 Implemented and administered a wireless network of time-synced Linux microprocessors

🞊 Analyzed and visualized data using Matlab and Python

🞊 Created a Matlab GUI to improve efficiency of data marking

**Northeastern Rehabilitation Games and Virtual Reality Lab |** Boston, MA *Sep 2017 - Dec 2017*

Research Assistant

🞊 Implemented a “Guitar Hero” style pattern sequence video game in order to study the learning process in children with learning disabilities

🞊 Created game from scratch by learning how to use Unity3D software

🞊 Coded object movement, sequence generator, game UI, and data logging using C#

🞊 Achieved a working prototype of the project goal in three months with an undergraduate co-worker

**ADDITIONAL WORK EXPERIENCE**

## **Concept Properties |** Boston, MA *Jan 2019 - Present*

## Director of Campus Outreach

## 🞊 Received license to practice real estate in MA in less than a month over winter break

🞊 Hired by a fast growing licensed brokerage in the heart of Boston

🞊 Advertise realtor services, give showings to clients, write and send applications

🞊 Gross sales of $2,250 in broker fee commissions

**USDA Jean Mayer Human Nutrition Research Center on Aging |** Boston, MA *May 2016 – April 2017*

Research Assistant

🞊 Conducted a study comparing NAD+ levels to cognitive ability and aging in a population of elders as basis for High School senior thesis

🞊 Performed a Thiazolyl blue microcycling assay on plasma samples in order to measure NAD+ levels

🞊 Compared NAD+ blood level data to a peer reviewed study that assessed the cognitive ability of the elders linked with the plasma samples

🞊 Performed statistical analysis of results that showed a correlation between NAD+ levels in blood and cognitive ability

🞊 Received honors on 20 page thesis paper and presentation

**INTERESTS**

🞊 Financial director and head of housing committee for Zeta Beta Tau fraternity

🞊 Volunteered as an English language and culture teacher for Greek 5th graders in Thessaloniki

🞊 Enjoy exercising, playing guitar and piano and making songs in FL Studio