Yoni Friedman

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EDUCATION

Rutgers University, New Brunswick, NJ   *Sep 2016 - May 2020*
School of Arts and Science Honors Program
Expected B.S. in **Computer Science** & **Cognitive Science** | GPA: 3.67

RELEVANT COURSES

Upcoming semester:
Intro to AI
Computational Robotics
Probability Theory
Completed:
Data Structures
Computer Architecture
Linear Algebra
Multivariable Calculus
Discrete Structures
Cognition and Decision Making

PROJECTS

Beatweaver
yifr.github.io/beatweaver
- Using javascript, html5 audio API, and CSS, built a virtual drum machine that supports multiple tempos and time signatures

Friends (*Java*)
- Performed graph analysis on networks of friends using classical algorithms like Depth and Breadth First Search

Drops
- Using Python, Javascript and Spotify API, automatically DJ someone's playlist

SKILLS

Languages | Python, Java, C, SQL, Javascript
Frameworks | Django, Hadoop
Tools | Git, Bash, Linux

EXPERIENCE

Dun and Bradstreet   *Jun 2018 - August 2018*
Software Engineering Intern
- Working with a team in an Agile environment, used Python, Django, MySQL and web scraping to build a full stack web application automating machine learning data collection and processing in support of Advanced Analytics team
- Delivered strategic insights into competitive differentiation for the marketing team as part of an Agents of Change intern program

Computational Brain Lab   *Oct 2018 - Present*
Research Assistant
- Researched cutting edge spiking neural networks designed to solve problems by simulating biological realistic neurons
- Investigated the application of spiking neural networks to solve classic problems in Artificial Intelligence, such as digit recognition

Arts and Sciences Honors Program   *Feb 2018 - June 2018*
Tutor
- Provided tutoring in computer science, math, biology, and psychology through Rutgers' Honors Program tutoring initiative

LEADERSHIP

Cognitive Science Club
President
- Increased club attendance by over 300% through outreach and new club initiatives
- Organize events and panels with leading experts in the Cognitive Science field
- Started a bi-weekly initiative to teach Python to non-CS students (featured a guest speaker from Google Brain)

HackRU
Director of Finance
- Leading a team of seven in order to recruit corporate sponsors and manage over $100,000 in order to finance Rutgers' bi-annual hackathon - an event with up to 600 participants