Yoni Friedman

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https://yifr.github.io

EDUCATION

Rutgers University, New Brunswick NJ   *Expected Graduation: May 2020*

Expected B.S. in **Computer Science** & **Cognitive Science**

*Honors Program | School of Arts & Sciences | **GPA: 3.68 / 4.00***

Relevant Courses: Intro to AI, Computational Robotics, Probability Theory, Data Structures, Computer Architecture, Linear Algebra, Multivariable Calculus

EXPERIENCE

Rutgers Computer Science Department   *September 2018 - Present*

iLab Assistant

- Provide hands-on tutoring to hundreds of students in Linux usage, computer science fundamentals, data structures, and algorithms

Dun & Bradstreet   *June 2018 - August 2018*

Software Engineering Intern

- Developed a tool to automate data pre-processing for data analytics and machine learning for the Advanced Analytics team, allowing the 'time-on-task' to be reduced by several hours for analysts performing routine operations
- Built in an Agile environment using Django, Python, Hadoop, AngularJS, and Bash scripting
- Extended ten-week internship by an additional two weeks upon request of the Advanced Analytics team

Computational Brain Lab   *Oct 2018 - May 2018*

Research Assistant

- Researched cutting-edge spiking neural networks that solve problems by simulating biologically realistic neurons
- Analyzed performance of spiking neural networks on classical problems in machine learning

LEADERSHIP

President **|** Cognitive Science Club

- Increased club attendance from six to seventy members through outreach, booking speakers, and running new club initiatives
- Organizing multiple weekly events and delegating responsibilities to seven executive board members
- Started a bi-weekly initiative to teach Python to non-CS students (featured a guest speaker from Google Brain), mentorship programs, community service events, trips to seminars, and career panels with industry experts

Director of Finance **|** HackRU

- Leading a team of seven to reach build and manage corporate relations and recruit corporate sponsors such as Facebook, Twilio, JPMorgan Chase & Co., BNY Mellon and more for HackRU - a bi-annual student run hackathon attended by over 600 students from across the country
- Responsible for managing $100,000+ budget required to finance logistics, food, tech, RnD, marketing, and day-of needs

PROJECTS

SubADubDub   *September 2018*

- **Grand Prize Winner** and winner of **Best Use of Google Cloud Platform** out of over 200 other submissions at University of Pennsylvania's hackathon - PennApps XVIII
- Created an app to automatically dub videos in different languages using Google Cloud's text-to-speech and speech-to-text to generate well timed, pitch and volume adjusted voice-overs for multiple-character dialogues

SKILLS

Languages | Python, Java C, SQL, JavaScript

Frameworks | Django, Flask, Hadoop

Tools | Git, Bash, Linux