

Yoni Friedman

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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: 3.67/4.00**

EXPERIENCE

Rutgers Computer Science Department | iLab Assistant

September 2018 - Present

- Providing hands-on tutoring to students in computer science fundamentals, data structures and algorithms

Dun & Bradstreet | Software Engineering Intern

June 2018 - August 2018

- Developed a tool to automate data pre-processing for analytics and machine learning in the Advanced Analytics team, reducing 'time-on-task' by several hours for routine operations
- Built in an Agile environment using Django, Python, Hadoop, AngularJS and Bash scripting
- Was asked to extend ten-week internship by an additional two weeks

Computational Brain Lab | Research Assistant

February 2018 - May 2018

- Researched cutting-edge neural networks designed to simulate biologically realistic neurons
 - Analyzed effectiveness of spiking neural networks in classical tasks in Artificial Intelligence such as digit recognition
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LEADERSHIP

President | Cognitive Science Club

March 2018 - Present

- Increased club attendance from six to fifty members through outreach, booking speakers and running new club initiatives, such as mentorship programs, fundraisers for Autism and Alzheimers research, and weekly lessons in Python programming and Data Science (featured guest speaker from Google Brain)

Director of Finance | HackRU

March 2018 - October 2018

- Led a team of seven to build and manage relations and recruit company 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
 - Managed \$100,000+ budget needed to finance logistics, food, tech, RnD, marketing and day-of teams
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SELECTED PROJECTS

Ctrl-f (November 2018)

- Placed in the **Top 6 at Facebook's Global Hackathon Finals**
- Built a messenger chatbot that allows users to find all the times in a playlist where a given word or phrase is said

I See You - Haunted House (October 2018)

- Built an interactive room for Rutgers' annual haunted house in which users could view the people inside a room and press buttons to trigger events (make a sound go off, spin a doll head, etc...)
- Built using Raspberry Pi's, Python, Flask, and OBS camera software

Code For Good (Chicago) (October 2018)

- **Second Place Winner** at JPMorgan Chase & Co's Code For Good Hackathon
- Built a web application to help manage enrollment and programming for an after-school non-profit

Subadubdub (September 2018)

- **Grand Prize Winner** and **Best Use of Google Cloud Platform** out of over 200 submissions at University of Pennsylvania's hackathon - PennApps XVII
 - Created an app to automatically generate well-timed, pitch adjusted dubs for videos in different languages
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SKILLS and COURSES

Languages | Python, Java, C, R, SQL

Tools | Git, Linux, Django, Flask, Hadoop

Relevant Courses | Intro to Artificial Intelligence, Computational Robotics, Probability Theory, Data Structures, Computer Architecture, Linear Algebra, Multivariable Calculus