

Yoni Friedman

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Education

Rutgers University

New Brunswick, NJ

DUAL MAJOR IN COGNITIVE SCIENCE, COMPUTER SCIENCE

May 2020

- **School of Arts and Sciences Honors Program**
- **GPA:** 3.75/4.0
- **Relevant Coursework:** Machine Learning (Graduate), Computational Robotics, Intro to Artificial Intelligence, Advanced Topics in Cognitive Science, Data Structures, Algorithms, Multivariate Calculus, Probability Theory

Experience

Columbia University Center for Theoretical Neuroscience

New York City, NY

RESEARCH STAFF ASSISTANT

January 2020 - Present

- Responsible for building computational models based on scientific literature to support experimental design and data analysis

Rutgers University

New Brunswick, NJ

TEACHERS ASSISTANT, INSTRUCTOR, TUTOR

September 2018 - Present

- Grade assignments and assist MBA students as TA for Master's course - Python Methodologies for Data Science
- Developed and taught accredited ten-week course curriculum to introduce twenty first year students to concepts in Cognitive Science
- Managed tutoring lab and staff of ten, and tutored students in computer science fundamentals such as data structures and algorithms

Eightfold.ai

Mountain View, CA

SOFTWARE ENGINEERING INTERN

May 2019 - August 2019

- Collaborated with designers and product managers to develop and ship full-stack products to improve recruiter / candidate outreach experience
- Created a system using Python, JQuery and Amazon SQS to help recruiters manage high-volume applicant pipelines
- Built out email tools to allow recruiters to schedule emails and automate follow-ups to candidates, saving an average of fifty recruiter hours a week

Dun & Bradstreet

Short Hills, NJ

SOFTWARE ENGINEERING INTERN

June 2018 - Aug 2018

- Developed a tool to automate data pre-processing for analytics and machine learning in the Advanced Analytics team
- Built in an Agile environment using Django, Python, Hadoop, AngularJS and Bash scripting to process datasets with 100,000+ records
- Reduced 'time-on-task' for routine operations by several hours, and extended ten week internship by two weeks

Leadership

Rutgers Cognitive Science Club

rucogsciclub.com

PRESIDENT

Sept 2018 - Present

- Managed executive board to bring in speakers from around the world, run data science bootcamps, mentorship programs, conferences, and more
- Increased club attendance and community engagement by more than 10x from 6 students to over 70
- Awarded "Spirit of Rutgers Award" by Chancellor of Rutgers for the accomplishments of the club

Selected Projects

Subadubdub

PENNAAPS XVII, 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 using Flask, Python and Google Cloud Platform to automatically generate well-timed, pitch adjusted dubs for videos in different languages

Ctrl-f

FACEBOOK GLOBAL HACKATHON FINALS, NOVEMBER 2018

- Placed in the **Top 6 at Facebook's Global Hackathon Finals**
- Built a messenger chatbot using Python, Google's Speech-to-Text and FB Messenger APIs that allowed users to search video playlists for key words and phrases

Skills

Languages Python, JavaScript, C, Java, MySQL, R

Frameworks Django, Flask, Linux, Hadoop, AWS, Google Cloud Platform, PyTorch, Tensorflow, Git