

DAVID NESTEROV-RAPPOPORT

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EXPERIENCE

Programming Fellow

September 2020 - Present

Center for Academic Excellence, Drew University

- Providing exceptional academic support to more than 100 computer science and logic students via online tutoring sessions.
- Supporting over 10 classes by being the student on-call for programming and development concerns and projects.

Software Developer

June 2020 - August 2020

A Free Bird Corporation

- Designed and implemented a new scalable Django backend from scratch.
- Mitigated frequent data loss by migrating the organization frontend to the newly designed backend.
- Helped manage an agile team of 4 other developers by writing documentation and version control guidelines.
- Awarded IT department volunteer of the month in July.

Founding Lead

August 2019 - May 2020

Google Developers' Developer Student Club

- Selected by Google Developers as one of 125 student leaders to create a DSC chapter on their campus.
- Lead a team of 7 in organizing peer workshops and events to increase campus computer science engagement.
- Participated in the 2-day DSC Summit at Google Headquarters in Mountain View, CA.

PROJECTS

CS3

Django, TailwindCSS, MySQL, Google Cloud Platform

- Streamlined the process through which the head of the computer science and math department schedules courses for over 200 students by designing and implementing a full stack Django application with a TailwindCSS styled user interface.

Volog

React, Django REST, Heroku, Webpack

- Helped the Drew University Center for Civic Engagement manage over 400 volunteers by developing a React frontend and Django backend for visualizing and tracking volunteer hours.

EDUCATION

Drew University

August 2018 - May 2022

B.A. in Computer Science and Philosophy with a Data Science Minor

- 4.0 GPA, Baldwin Honors Scholar, Dean's List (2018-2021), Phi Beta Kappa, Phi Sigma Tau
- "Zombies, Octopuses and Qualia: The Quest for a Viable Theory of Mind" published in *The Drew Review*, Drew's annual undergraduate research journal. Research supervised by Seung-Kee Lee, PhD.

RESEARCH

Drew Summer Science Institute

June 2021 - July 2021

- Selected as one of 60 students for an 8-week comprehensive research project under the guidance of a faculty mentor.
- Contributed to the open source reinforcement learning community by implementing a novel OpenAI Gym environment.
- Volunteered at ICML 2021 by providing help desk support to attendees and presenters.

Digital Humanities Institute

June 2019 - July 2019

- Chosen as one of 20 students to conduct primary research with a faculty mentor.
- Supported a team of 3 institute members by researching Immanuel Kant's influence on modern computer science.

TECHNICAL SKILLS

Languages

Python, Java, Dart, JavaScript, HTML, CSS

Libraries

Django, React, Node, Flutter, Next.js, ChakraUI, TailwindCSS

Tools

Git, Webpack, Unix, GCP, Heroku, Vercel, Figma, Firebase