

Daniel Bessonov

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Education

University of Pennsylvania

2019-2023, 3.93
Jerome Fisher (M&T)
Computer Science, Finance

Saratoga High School

2015-2019, Very High Honors

Research

Autonomous search-and-rescue UAV (IEEE) ●

2017
[arxiv.org](#): Published at IROS. Created sequential algorithm for target-search based on POMDPs.

Misc. Projects

Public transport EDA ●

2020
[github.com](#): Sentiment analysis of SEPTA (Philadelphia Subway System) tweets and delay forecasting for trains.

Awards

1st - AngelHacks (1/160)
1st - SV Hacks (1/60)
1st - Sense360 Hacks (1/30)
2nd - LA Hacks (2/300)
Capital One Grant (1/150)
1517 Ventures Grant (1/300)
USACO Platinum

Skills

Python, Javascript, Swift, C++, C, C#, Keras, TF, Flutter, React Native, SQL, MongoDB, Docker, Figma, PS

Experience

Roblox – Intern ●●

June 2020 - August 2020
[roblox.com](#): Designed and implemented a fraud-detection service for in-game billings netting \$1B+. C#, .NET, SQL, Python.

Milkmn – Founding Engineer ●

October 2019 - June 2020
[mlkmn.com](#): Built and architected v1.0 product and tools for venture-backed delivery startup. Swift, Node.js, GraphQL, SQL, JS, React.

Dorm Room Fund – Partner ●

October 2019 - Present
[drf.vc](#): Investing \$20,000 pre-seed SAFEs in student founders via a student-run venture fund backed by First Round Capital. Investments: [RotoMaire](#), [Trefo](#)

Weiss Fund – Partner ●

August 2019 - Present
Investing \$1-5k grants and providing portfolio support to early-stage, Penn-based ventures. Investments: [Showcase](#), [Percepta](#), [Atlas](#), [Kidas](#)

Stanford University – Intern ●●

May 2018 - February 2019
[whatislife.stanford.edu](#): Analyzed and segmented microbiota at the Huang Lab with a CNN-based approach (DeepCell). Python, Keras, MATLAB.

Carnegie Mellon University – Intern ●

May 2018 - September 2018
[mews.cmu.edu](#): Implemented deep-learning algorithms for signal-processing at CMU MEWS Lab w/ Prof. Tague. Python, Keras, HackRF.

whiteCryption – Intern ●

June 2017 - September 2017
[whiteCryption.com](#): Developed anti-reverse engineering and jailbreaks technologies for mobile applications. React Native, IDA Pro, Hopper

Geneccloud – Intern ●

June 2016 - August 2016
[intertrust.com](#): Created website for secure genomics research with Dr. Knox Carey. Python, Flask, SQLite uWSGI.

Dali Labs, Inc – Co-Founder ●

June 2014 - August 2019
[dalilabs.io](#): Developed iOS applications for everything. 100k+ users/downloads over 12 applications. Swift, Flutter, JS, React, MongoDB, SQL.

Full Stack ●● | Machine Learning ●● | Venture Capital ●●