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 - present
roblox.com: Designing and implementing a fraud-detection service for in-game billings netting $1B+. C#, .NET, SQL, Python.

Mlkmn — 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

Genecloud — 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 🟢