

# Daniel Bessonov

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## Education

### University of Pennsylvania

2019-2022/23, 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 | Go | Java | Node | C# | .NET  
MySQL | Postgres | Mongo | Dynamo  
Docker | CircleCI | ECS | Jenkins  
Figma | Photoshop | InDesign | AI

## Experience

### Anduril ● Intern

June 2021 - Present  
[anduril.com](#): Developed microservices for counter-UAS drones + implemented features for distributed mesh-network. Golang, C, FoundationDB, nixOS.

### Lumos ● Intern

September 2020 - April 2021  
[lumosity.com](#): Implemented Python microservices + designed platform integrations to build the future of identity management. Python, Flask, SQLAlchemy, GraphQL, SQS, React.

### 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.

### The Rounds ● Founding Engineer

October 2019 - June 2020  
[therounds.com](#): Built and architected full-stack 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.

### Other — Dali Labs, Inc. ('14-'19) | [Genecloud](#) ('16) | [whiteCryption](#) ('17)

Full Stack ● | Machine Learning ● | Venture Capital ●