

Will Levine

will.levine0@gmail.com | 813-751-5292

EDUCATION

RICE UNIVERSITY

BACHELORS IN STATISTICS

Aug. 2017 - Present

Exp. Graduation: May 2020

President's Honor Roll (All Semesters)

Trustee Distinguished Scholarship

Cum. GPA: 4.15/4.0

Major GPA: 4.21/4.0

JOHNS HOPKINS UNIVERSITY

TRANSFER AFTER FRESHMAN YEAR

Aug. 2016 - May 2017

Dean's List (All Semesters)

Bloomberg Scholarship

Cum. GPA: 4.0/4.0

LINKS

Personal Website: levinwil.me

Github: [levinwil](https://github.com/levinwil)

Devpost: [wlevine](https://devpost.com/wlevine)

COURSEWORK

GRADUATE

Statistical Machine Learning • Neuro
Data Design

UNDERGRADUATE

Advanced OOP • Algorithmic Thinking •
Program Design • Parallel Programming •
Statistical Models for Data Science • Data
Structures • Linear Algebra • Statistics
For Data Science • Discrete Math •
Machine Learning • Linear Regression

TEACHING ASSISTANCE

Statistics For Data Science

ONLINE

Stanford Machine Learning • Coursera
Deep Learning Specialization

SKILLS

PROGRAMMING LANGUAGES

Over 5000 lines:

Java • Python

Over 1000 lines:

Scala • JavaScript

TECHNOLOGIES

Experienced

Git • Spark • Keras • Tensorflow

• CUDA • scikit-learn • Pandas

EXPERIENCE

PROGENY SYSTEMS CORPORATION | COMPUTER VISION INTERN

May 2018 - Aug. 2018 | Manassa, VA

- Implemented object detection metric infrastructure with end-to-end testing
- Developed training platform for hot-swapping & configuring object detection meta-architectures based on composite, deep learning networks
- Improved object detector mAP from .5 to .67 while speeding up inference from 5.6 to 8.9 FPS

JHU APPLIED PHYSICS LAB | DATA SCIENCE INTERN

May 2017 - Aug. 2017 | Laurel, MD

- Implemented parallel, distributed version of formerly linear network attack detection algorithm with Spark, achieving linear speedup w.r.t # of processors
- Improved spoof image classifier F1 from .95 to .99 by implementing Siamese network with custom augmentation, 10-fold CV, and SVM for transfer layer

RESEARCH

NEURO DATA | RESEARCHER IN DATA SCIENCE & COMPUTER VISION

Oct. 2016 - May 2017 | Baltimore, MD

- Developed image segmentation pipeline to detect synapses in Array Tomography images that was presented at NIPS 2017

SELECTED PROJECTS

PISIGHT | ASSISTIVE DEVICE FOR THE VISUALLY-IMPAIRED

Sept. 2017 | HackRice - Rice University

- Created Raspberry-Pi-based device that performs image captioning, OCR, and detection of moving cars using AWS, Keras, OpenCV, Flask, HTML, and CSS
- Received 3rd place overall as the only underclassman in the final round, as well as the only single-person team in the final round

BOOTCAMPS

DEEPLARNING.AI | BOOTCAMP STARTED BY ANDREW NG

Mar. 4 2019 - Mar. 5 2019 | Palo Alto, CA

- Accepted as undergraduate student to bootcamp tailored towards PhD's with acceptance rate of 3% among graduate students

LEADERSHIP

ELECTED OFFICER | RICE DATA SCIENCE CLUB

Jan. 2018 - Present | Houston, TX

- Organized speaking events with more than 40 attendees, as well as social events with more than 100 attendees
- Created 'Beginners' Series' to introduce computer scientists to data science tools, fundamentals, and models with an average weekly attendance of 20

AWARDS

2016	University	JHU Total Innovation Hackathon – 2nd Place Overall
2017	University	BitCamp – Award for Most Collaborative Hack