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
Devpost: 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 • C++

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

DEEPLEARNING.AI | Bootcamp Started By Andrew Ng
Mar. 4 2019 - Mar. 5 2019 | Palo Alto, CA
- Only undergraduate student accepted to dee learning bootcamp tailored towards PhD's with acceptance rate of 3% among graduate students

UC BERKELEY | Full Stack Deep Learning
Mar. 2 2019 - Mar. 3 2019 | Berkeley, CA
- Only undergraduate student in history to attend deep learning bootcamp tailored towards graduate students

AWARDS

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