Will LeVine

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

EDUCATION

RICE UNIVERSITY
Bachelors in Statistics
Aug. 2017 - Present
Exp. Graduation: December 2019
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

TECHNOLOGIES
Experienced
Git • Spark • Keras • Tensorflow • CUDA • scikit-learn • Pandas

EXPERIENCE

JHU APPLIED PHYSICS LAB | AI Research Science Intern
May 2017 - Aug. 2017 | Laurel, MD
- Developed novel predictive confidence metric applicable to all neural networks
- Applied predictive confidence metric to Active Learning and Domain Transfer with a focus on synthetic data, beating State of The Art in both areas

PROGENY SYSTEMS CORPORATION | AI Engineering 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 | AI Research 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 score from .95 to .99 with Siamese networks

RESEARCH

NEURO DATA | AI Research Scientist
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 deep learning bootcamp tailored towards PhD's with acceptance rate of 3% among graduate students

UC BERKELEY | Full Stack Deep Learning Bootcamp
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