WILL LEVINE

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Personal Website: levinwil.me ⋄ Github: levinwil ⋄ Devpost: levinwil

EDUCATION

Rice University *Aug. 2017 - (expected) May 2020*
Bachelors in Statistics *Major GPA: 4.21/4.0*
Trustee Distinguished Scholarship *Houston, Texas*

WORK & RESEARCH EXPERIENCE

Microsoft June 2019 - Aug. 2019
Software Engineering Intern *Redmond, WA*

· Implemented temporal person-tracking algorithm for IoT computation at-the-edge

JHU Applied Physics Lab Feb. 2019 - May 2019
AI Research Science Co-Op *Laurel, MD*

· Developed novel predictive uncertainty metric applicable to all neural networks
· Applied uncertainty metric to Active Learning and Domain Transfer, beating SoTA in both areas

Progeny Systems Corporation May 2018 - Aug. 2018
AI Engineering Intern *Manassas, VA*

· Developed object detection training and testing infrastructures
· Improved object detector mAP from .5 to .67 while speeding up inference from 5.6 to 8.9 FPS

JHU Applied Physics Lab May 2017 0 Aug. 2017
AI Research Science Intern *Laurel, MD*

· Implemented parallel, distributed version of pre-existing network attack detection algorithm with Spark
· Improved spoof image classifier F1 score from .95 to .99 with Siamese networks

Neuro Data Oct. 2016 - May 2017
AI Research Scientist *Baltimore, MD*

· Developed synapse-segmentation pipeline for 3D Array Tomography images presented at NeurIPS 2017

COURSEWORK

Online	Stanford Machine Learning, Coursera Deep Learning Specialization
Graduate	Statistical Machine Learning, Neuro Data Design
Undergraduate	Advanced OOP, Program Design, Parallel Programming, Statistical Models for Data Science, Data Structures, Linear Algebra, Discrete Math
Teaching Assistance	Statistics For Data Science

SKILLS

Programming Languages	Python, Java, Scala
Technologies	Git, Spark, Keras, scikit-learn, Pandas, OpenCV

DEEP LEARNING BOOTCAMPS

Deeplearning.ai	Only undergraduate accepted to bootcamp with graduate acceptance rate of 3%
UC Berkeley	Only undergraduate to attend bootcamp tailored towards PhDs