

WILL LEVINE

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

EDUCATION

Rice University

Bachelors in Statistics

Trustee Distinguished Scholarship

Aug. 2017 - May 2020 (expected)

Major GPA: 4.21/4.0

Houston, Texas

WORK & RESEARCH EXPERIENCE

Microsoft

Software Engineering Intern

June 2019 - Aug. 2019

Redmond, WA

- Designed novel stockout detection pipeline deployed at the edge in retail stores

JHU Applied Physics Lab

AI Research Science Co-Op

Feb. 2019 - May 2019

Laurel, MD

- Developed novel predictive uncertainty metric applicable to all machine learning models
- Applied uncertainty metric to Active Learning and Domain Transfer, beating SoTA in both areas

Progeny Systems Corporation

AI Engineering Intern

May 2018 - Aug. 2018

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

AI Research Science Intern

May 2017 - Aug. 2017

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

AI Research Scientist

Oct. 2016 - May 2017

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, Docker

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