Won Park, PhD

(408) 438-8066
won.park19@gmail.com
https://wonpark.io/
https://www.linkedin.com/in/thewonpark/

Machine Learning Project Lead

EDUCATION

University of Michigan, Ann Arbor | Ann Arbor, MI
PhD in Computer Science

University of Michigan, Ann Arbor | Ann Arbor, MI
Masters in Computer Science

University of California, Berkeley | Berkeley, CA
BA in Computer Science

PROFESSIONAL EXPERIENCE

Lead Machine Learning Engineer   10/2020-Present
CloudAEye
- Spearheaded effort as early employee to code and develop core deep learning model to monitor microservice data and pipeline critical for the MVP at early stage of the startup using PyTorch
- Recruited and mentored 4+ junior engineers on the team and advised developers on other machine learning design decisions (log detection and root cause analysis) and implementations for production (Amazon AWS, Kubernetes) through JIRA and OKR meetings
- Analyzed and compiled information on the market demand through chats and competitors' design to identify areas to gain a competitive edge

Machine Learning Researcher   8/2018-2/2023
University of Michigan
- Designed, developed and executed numerous neural network projects exploring various critical security problems and the theory of deep learning functionality. Resulted in publications in numerous top-tier computer vision / deep learning conferences (ex: ICLR, ECCV)
- Built from ground-up several testing environments using Python to design, implement, and run experiments on servers
- Directed teams of 5+ researchers across departments and schools to ensure projects were on track and met specific deadlines

Data Scientist   5/2021-12/2022
Ericsson, Inc.
- Modernized pipeline for anomaly detection of time-series data through coding up and developing a new machine learning model and pipeline customized for telecommunication data resulting in improvement of ~30%. Prepared for production onto GCP and utilized numerous ablation testing techniques.
- Explored quantitative methods (z-score, peak over threshold) to uncover insights on client's telecommunication data and identified points to be improved and presented to shareholders
- Recognized by manager for outstanding work in establishing and leading cross-team collaboration efforts

SKILLS

Python, Java, Tensorflow, PyTorch, Project Management, Neural Networks, Data Science, Software Engineering