

Dan Park

Software engineer passionate about problem solving and delivering business results

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Work Experience

AWS

Seattle, WA

SOFTWARE DEVELOPMENT ENGINEER II

Apr. 2021 - Present

- Designed & implemented a highly scalable and resilient RESTful API service using DynamoDB and EC2 for a company-internal forecasting platform.
- Designed & implemented the EC2 organization's next-generation global datacenter metrics ETL pipeline.
- Created AWS EC2 and S3 usage forecasting pipelines and provided analysis of results. Generated reports that were used to make multi-billion dollar scale capex investments.
- Collaborated closely with data scientists to deploy a forecasting model to production. Led the development and maintenance of the model's input generation process.

Amazon

Seattle, WA

SOFTWARE DEVELOPMENT ENGINEER I

Nov. 2019 - Apr. 2021

- Designed and implemented a ML job CI/CD scheduling service, which saved hours of developer and scientist time per model update.

Yonder

Austin, TX

DATA ENGINEER

Jul. 2018 - Nov. 2019

- Developed high-throughput web scraper capable of scraping over 1 million URLs per day.
- Implemented an asynchronous queue-based messaging service for communication between internal application.

Education

Georgia Institute of Technology

Remote

MASTER OF SCIENCE IN COMPUTER SCIENCE - MACHINE LEARNING SPECIALIZATION

Current

- Selected Coursework: AI for Robotics, Machine Learning

Swarthmore College

Swarthmore, PA

BACHELORS IN COMPUTER SCIENCE - MINOR IN CHEMISTRY - PREMED

2014 - 2018

- Selected Coursework: Machine Learning, Statistics, Computer Vision, Artificial Intelligence, Bioinformatics, Parallel and Distributed Systems
- Resident Assistant for 3rd & 4th years

Udacity

Remote

ONLINE CERTIFICATE

2019

- Intro to Self-Driving Cars

Skills

Proficient	Python, Pandas, SQL, Java, AWS (various services), Linux, Git, CI/CD, MS Excel
Familiar	JavaScript, React, Docker, C/C++
Skills	Distributed systems, Serverless Cloud-native development, Data exploration & analysis

Leadership

Youth Group Coordinator

BEACON HILL CHURCH

Jan. 2023 - Present

- Lead a youth group of 30 middle and high school students. Oversaw and mentored a team of 8 adult counselors.