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DAVID KIM

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY   *JAN 2019 - MAY 2021*
Masters of Science in Computer Science, Specialization in Machine Learning   GPA 4.0/4.0
Python, Numpy, Pandas, Scikit-learn, SVMLight, Hadoop, Pig, Hive, Scala, Spark, Spark SQL, Spark MLlib, Spark GraphX, PyTorch, OpenCV

UNIVERSITY OF NEW MEXICO   *AUG 2017 - DEC 2018*
Non-Degree   GPA 3.89/4.3
Covered fundamental CS courses required for graduate computer science school.

FULLSTACK ACADEMY   *SEP 2015 - DEC 2015*
Y combinator funded immersive coding school focused on MEAN (MongoDB, Express, AngularJS, and Node) stack.
MongoDB, Mongoose ODM, ExpressJS, AngularJS, NodeJS

UNIVERSITY OF ROCHESTER   *AUG 2010 - MAY 2015*
Bachelor of Science in Optical Engineering   GPA 3.16/4.0
Recipient of Dean's Scholarship - $40,000

RESEARCH

CELLARITY   *APR 2023 – PRESENT*
Assist publication efforts by training internal models and comparing against public methods.
DUKE   *DEC 2022 – PRESENT*
Generate a vectorized random walk small intestine model with multiprocessing and 3D visualizer.
GEORGIA TECH   *JAN 2021 – MAY 2021*
Develop cognitive presence classifier on student forums for an in Georgia Tech.

WORK HISTORY

CELLARITY   *JUNE 2021 – PRESENT*
Senior Software Engineer   Boston, MA
Migrated company data from Benchling to Microsoft Sharepoint. Created data visualizations for gene embeddings. Developed API for model inference. Maintained web scraper for medical journals. Deploy ML models on AWS servers. Assist in publication efforts through model retraining, benchmarking, and paper reproduction.
Python, JavaScript, Postgres, MongoDB, SQL, AWS, pytest, Benchling, Dotmatics, Microsoft Graph API, React, Apache Echarts, FastAPI, Docker, Hasura, BentoML, Weights and Biases, Pytorch, Pandas

SANDIA NATIONAL LABS   *DEC 2019 – JAN 2021*
Contractor, Software Developer   Albuquerque, NM
Developed and maintained quality management service applications for the NNSA through feature development, bug fixing, and web server migration.
SQL, Java, Spring, RichFaces

PROJECT ECHO   *SEP 2016 – SEP 2019*
Front End Developer   Albuquerque, NM
Front end developer for an educational telemedicine network application.

Angular, Angular Material, NgRx, Loopback, MongoDB. SCSS, Node

SKILLS

Proficient – Python, JavaScript

Knowledgeable – Java,

Familiar – C, SQL