Aakash "Kash" Sudhakar

SOFTWARE EDUCATOR ✦ MACHINE LEARNING ENGINEER ✦ PYTHON DEVELOPER

TECHNICAL SKILLS

Languages	Python, R, JavaScript, Golang, C++
Front-End	HTML, CSS, Plotly, D3
Back-End	Django, Flask, Node, Express, Sequelize
Testing	Pytest, Unittest, Mocha, Chai
Database/Cloud	MongoDB, AWS, Heroku, SQL
Data Analysis	Anaconda, Jupyter, Docker

EXPERIENCE

LifeNome — Machine Learning Intern, 2019 – present
- ✦ DEVELOPING productionized machine learning algorithms and documentation for product services.
- ✦ COLLABORATING with top-tier data scientists and bioengineers to analyze complex biomedical data.

Make School Product College — Curriculum Engineer, 2018 – 2019
- ✦ PRODUCED in-depth reiteration of Data Science curriculum for incoming students (class size of 100+).
- ✦ PARTNERED with a team of industry professionals and educators to tutorialize cutting-edge data science tools.

PROJECTS

HELiCAL — Full-Stack Python Developer, 2019 – present
- ✦ ENHANCING advanced CS and amended supervised ML algorithms for genomic data processing applications.
- ✦ CONSTRUCTING Pythonic web app displaying efficient full-stack web conventions and responsive design.

Recominder — Machine Learning Engineer, 2018 – 2019
- ✦ SUPPORTED team of 4+ software engineers on agile implementation of biometric health recommendation app.
- ✦ ARCHITECTED machine learning pipeline for data scaling, modeling, and redistribution.

Deep RL Game Library — Deep Learning Engineer, 2018 – 2019
- ✦ ENGINEERED contemporary game simulator library with multiple playable sessions.
- ✦ IMPLEMENTED advanced deep learning models to responsively learn unsupervised game dynamics in real time.

N-dulum — Python Developer, 2017 – 2018
- ✦ CREATED scientific Python simulation tool to model Nth-order chaos pendulum system.
- ✦ OPTIMIZED object-oriented hierarchy and class structure for real-time data visualization.

EDUCATION

Icahn School of Public Medicine at Mount Sinai	Systems Biology, 2018 – present (certification)
Make School	Applied Computer Science & Data Science, 2017 – 2019
Stanford University	Design Thinking, 2016 – 2017 (fellowship)
University of Pittsburgh	Bioengineering, 2014 – 2017 (transferred)

PASSIONS

Biotechnology

Immersive Gaming

Muay Thai Kickboxing

CONTACT INFO

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