Daniel Kim

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Education

University of California - Berkeley
Bachelors of Arts - Data Science
Bachelors of Science - Molecular Cell Biology

Professional Experience

CVS Machine Learning Engineer ~ New York, NY   *May 2024 - Present*
Python, SQL, LLMs, NLP, Jupyter, Azure, Git
- Generated authorization sets for specific prescription medication with Generative AI
- Engaged in developing an Augmented Evaluation System for LLM optimization
- Hastened augmented code translation from 2 months to less than 1 hour
- Launched work into production presenting our success to stakeholders and management

Computer Science Academic Intern ~ Berkeley, CA   *Aug 2023 - Dec 2023*
Python, SQL, Scheme
- Assist Professor Denero teach CS61A class of 2000 student and lab section of 45 student
- Program coursework and taught lessons in Python, SQL and Scheme for students
- Demanded high proficiency in programming courses and engagement with staff

Projects

Neural Networks ~ Berkeley, CA   *April 2025 - May 2025*
Python, CNN, FCNN, NN, Pytorch, Backpropagation, Activation/Loss Functions
- Developed FCNN and CNN incorporating deep learning techniques like back propagation
- Evaluated on datasets like CIFAR-10; Transfer learning using pretrained PyTorch models

Gitlet ~ Berkeley, CA   *June 2023 - July 2023*
Java, Caching, Data Sequences, Git
- Developed a personal version control system that mimics essential features of Github
- Capable of merging, committing and other necessities for a personalized miniature Github

BYOW (Build Your Own World) ~ Berkeley, CA   *July 2023 - Aug 2023*
Java, OOP, Game Dev, Git
- Designed and Created a 2D tile based world exploration engine system video game
- An open world rpg supporting player movements, minigames and individual options

Skills

Languages: Python, Java, R, SQL, C, Scheme, HTML, CSS, JS
Technical: Azure, AWS, GCP, Jupyter, Git, LLMs, NLP, Gen AI, Pytorch, Statistical Testing
Coursework: Biochemistry, Biophysics, Chemical Biology, Discrete Mathematics & Probability, Machine Learning, Econometrics, Java & Data Structures, Microbial Genetics, Organic Chemistry, Principles of Data Science, Python & Computer Programs