Kevin Huang

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EDUCATION

New York University   New York, NY
Major: B.A. Computer Science, **Minor:** Economics   May 2022
GPA: 3.6/4.0 (Dean's List)
Related Coursework:
- Object Oriented Programming, Data Structures, Algorithmic Problem Solving, Computer Architecture, Operating Systems, Introduction to Machine Learning, Social Networks

Affiliations:
- Poly Programming Club NYU

WORK EXPERIENCE

Anitoa Systems   Sunnyvale, CA
Mobile Software Intern and Conference Presenter   April 2017 – September 2017
- Programmed user-friendly mobile application using Java and XML to accompany a portable early-diagnosis medical device
- Researched backend device functionality involving qPCR, laser optics, and quantum dots
- Presented the device at International Nanophotonics Conference in Barcelona

PROJECTS

Course Registration App
Created an interactive system between students and admins to easily apply for school courses.
Both students and admins can login with a unique username and password, and can manage their individual accounts, updating the backend simultaneously.
Technology: Java, Eclipse

Image Classifying Convolutional Neural Network
Built a deep neural net capable of image classification through machine learning. Steps include Computational Graphs, Backpropagation, Deriving Logistic Regression, Stochastic Gradient Descent, Training and Testing datasets, Porting to GPU, Plotting Loss and Accuracy, Parameter Manipulation reducing Generalization Gap.
Technology: Python, Markdown, PyTorch, Matplotlib, CUDA, Jupyter Notebooks, Google Colab

Ethereum Smart Contract and Blockchain Web3 App
Constructed a gifting that allows users to collect and send Pokémon to other users. Stores Pokémon with smart contracts and blockchain. Each Pokémon is sent by spending Ethereum from a virtual wallet. Backbone of the program can be used for a multitude of future projects dealing with cryptocurrency and blockchain.
Technology: React.js, Bash, Solidity, Replit

SKILLS

Programming Languages: C++, Java, HTML, CSS, JavaScript, C, Python, XML

Tools/Libraries: React.js, Node.js, Bash, Solidity, Hardhat, Replit, Jupyter Notebooks, Git, Markdown, Google Colab

Languages: Fluent in English and Chinese, Proficient in Spanish and Japanese