**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

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