**Kevin Huang**

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**EDUCATION**

**New York University** New York, NY

**Major:** B.A. Computer Science, **Minor:** Economics, Psychology 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

***Technology: Java, XML***

**PROJECTS**

**NYU Course Registration Application**

* Developed an interactive system between students and admins for school course application
* Managed events and data using Object Oriented Programming to add, drop, view, and edit courses
* Functioned with real NYU computer science course data and can be scaled to include all courses

***Technology: Java, Eclipse***

**Image Classifying Convolutional Neural Network**

* Built a Convolutional Neural Net capable of decomposing an image into features for image recognition
* Derived Logistic Regression and plotted Computational Graphs with Backpropagation by hand
* Programmed algorithms to incorporate Stochastic Gradient Descent, Training and Testing datasets, Porting to GPU, Plotting Loss and Accuracy, Parameter Manipulation

***Technology: Python, Markdown, PyTorch, Matplotlib, CUDA, Jupyter Notebooks, Google Colab***

**Ethereum Smart Contract and Blockchain Web3 App**

* Constructed a gifting system that allows users to collect from and send Pokémon to others
* Incorporated blockchain and smart contracts to simulate a decentralized transaction system
* Touched up frontend using HTML, CSS, and JS to improve user experience

***Technology: React.js, Solidity, JavaScript, HTML/CSS, Bash, Replit, Rinkeby***

**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, Pandas, Rinkeby, LaTeX

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