

# Kevin Huang

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## EDUCATION

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### 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

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### 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

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### 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

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**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