

Kevin Cheng

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EXPERIENCE

Makers For Change

Sep 2020 – July 2021

Logistics Lead

Brooklyn, NY

- Managed over 10 teams and 60 ambassadors to deliver 81,859 3D-printed face shields, mask clips, and face masks to over 50+ clinics and public facilities all around the USA and fulfill Get Us PPE requests
- Developed the current <https://www.makersforchange.com/> website to bring 4.5k clicks, 96k unique users, and 153k views from Facebook ads and spread awareness about our free six-month student ambassador program

Clarifai

Jul 2020 – Sep 2020

Data Science Intern

New York, NY

- Aided in the management and development of the new Labeler App, an integrated tool to label, train, and deploy AI models, and collaborated with technical leads to learn about image-processing and GAN training
- Cleaned and analyzed data from over 1,000,000 diversified images and used outputs to guide AI and modeling development; decreased processing time by 15%, and 10% increase in peak load
- Led 300 students with social platforms to organize work activity and inform students of upcoming GAN training events; reduced onboarding time by 50%, 83%-member satisfaction based on monthly survey

NYU - Applied Dynamics & Optimization Lab

Jul 2019 – Aug 2019

Research Assistant

Brooklyn, NY

- Developed an accurate motor voltage-drop measurement system using a physical cantilever setup and custom Arduino software to regulate the motion of a walking robot based on their energy expenditure
- Programmed the backend of the energy expenditure model for the motor movements of a walking robot on Arduino to simulate the main cantilever setup and clean the motor data in a team of 5
- Listed contributor to the National Science Foundation-Sponsored project (\$500,000) alongside the project director and three PhD candidates

National Museum of Mathematics Inc.

Sep 2018 – Dec 2019

Integrator

New York, NY

- Interacted with over 300 Museum visitors by explaining and interpreting its cutting edge, engaging math exhibits in a team of 10 to educate students on projectiles, laminar flow, and mathematical patterns

EDUCATION

Stony Brook University

Expected: May 2024

Bachelor of Science in Computer Science (GPA: 3.4)

Stony Brook, NY

Relevant Courses: Data Structures, Foundations of Computer Science, Introduction to Object-Oriented Programming, Probability and Statistics, Linear Algebra, Graph Theory, Number Theory

PROJECTS

Toddler's First Words | *Python, OpenCV*

Oct 2020 – January 2021

- Developed a Python app using OpenCV library to teach toddlers over 100+ words by detecting handheld objects and announcing nouns to toddlers

Languages: Python, Java, Web Dev (HTML/CSS, JavaScript, learning ReactJS)

Tools: Git, Airtable, Autodesk Inventor, Autodesk Fusion

Interests: Jump Roping, 3D-Printing, Anime, Sitcom (Bob's Burger, Family Guy, Fugget About It)