

Kevin Tapia

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LinkedIn: linkedin.com/in/kevin-tapia

GitHub: github.com/ktapia576

Portfolio: kevinapia.com

TECHNICAL SKILLS

- **Proficient:** Java, JavaScript, HTML5, CSS3, Bootstrap, jQuery, Node.js, Express, PHP, MySQL, Linux, Git
- **Exposure:** React, C#, Nginx, Unity

WORK EXPERIENCE

Kean University | Research Student | Union, NJ

Feb 2018 - May 2020

- Researched in 6 week summer program working on machine learning and software development presenting and publishing 1 paper about neural networks at conference.
- Upgraded neural network visualizer software using Java and Swing allowing users to save and load trained models within user interface.
- Developed photo gallery website called "Petzilla" using Node.js, Express, Dog/Cat API, and JavaScript displaying randomized gifs/images of dogs or cats from 6,000+ image sets.
- Created posters/powerpoints for 2 summer projects successfully presenting on stage to 30+ people.

Kean University | Computer Science Tutor | Union, NJ

Sept 2017 - May 2019

- Tutored 5-7 Computer Science students a semester using Java, JavaScript, PHP, HTML5, and CSS3 solving ~90% of coding problems encountered.
- Accelerated the problem solving process by informing students about best practices resulting in 2x faster debugging.

EDUCATION

B.S. Computer Science, Kean University

May 2020

PROJECT WORK

Data Visualization Dashboard | Full Stack Developer | [Demo](#) | [github.com/visualization-website](https://github.com/kevinapia/visualization-website)

2020

Data visualization tools for users who want to visualize and study trends on large datasets they upload or retrieve.

- Developed variety of interactable tools, including table, bar, line, pie charts, and interactive map using JavaScript, Google Chart API, and MapBox API allowing users to visualize data loaded.
- Incorporated interactable relational database server using MySQL, PHP, JavaScript, and Ajax/JQuery resulting in tools being able to utilize over 4,600 rows of data.
- Implemented front-end user interface using Bootstrap, CSS3, JavaScript, and HTML5 granting user access to 100% of tools needed on single page dashboard.

Virtual Assistant | Full Stack Developer | [Demo](#) | [github.com/Chatbot-Assistant](https://github.com/kevinapia/Chatbot-Assistant)

2020

Research project created to test whether users learn better through website navigation or from chatbot assistance.

- Built interactive chatbot using JavaScript, Node.js, HTML5, and CSS3 displaying over 10 financial tips to users in chat.

Grand Theft Auto V Mod | Software Developer | [Website](#) | [github.com/SuspiciousPersonCallout](https://github.com/kevinapia/SuspiciousPersonCallout)

2020

Mod created for users to experience unpredictable situations during gameplay on a server or in single-player.

- Developed a GTA V mod for users to download and install on their own GTA V servers using C# and FivePD API achieving over 1,800 unique downloads.
- Implemented multiple locations, dialogue, weapons, and NPC reactions for randomization using C# and FivePD API resulting in the user having to guess 100% of the time during gameplay.

LEADERSHIP + PUBLICATIONS

Vice President, Association for Computing Machinery (ACM) Kean University Student Chapter

Sept 2018 - May 2019

Organizer, Hackkean Fall 2019 Hackathon

Sept 2019 - Dec 2019

Co-Author, "Visualizing Neural Networks for Pattern Recognition" PRAI 2018 conference

Aug 2018