Kevin Tapia

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SKILLS

LANGUAGES
- JavaScript • HTML5 • CSS3 • PHP • Java • MySQL • C#

OTHER
- Node.js • Linux • Object Oriented Programming • Git

PROJECTS

Grand Theft Auto V Mod | *C# • Object Oriented • Git • FivePD API | github.com/SuspiciousPersonCallout*
- Developed a GTA V mod for users to download and install on their own GTA V servers.
- Creates a scenario that features 4 different outcomes and randomization during gameplay.
- Achieved over 1,100 unique downloads on the community website.

Virtual Assistant | *JavaScript • Node.js • HTML5 • CSS3 • Linux | github.com/Virtual-Assistant-Mental-Health*
- Implemented a virtual assistant in a web application to assist users on the topic of mental health awareness.
- Features a chat with a virtual assistant who asks questions for the user and takes notes based on the answers.

Data Visualizer | *JavaScript • PHP • MySQL • HTML5 • CSS3 • Ajax/jQuery | github.com/visualization-website*
- Developed a web application for users who want to visualize and study trends on the data they upload or retrieve.
- Allows users to login, save personal settings, and retrieve 3 data sets from a MySQL database.
- Features a variety of tools, including table, bar, line, pie charts, and an interactive map that highlights states in color.

Work Experience

Kean University | *Computer Science Tutor*   *Union, NJ | September 2017 – May 2019*

Java • HTML5 • CSS3 • PHP • LC3-Assembly Language
- Analyzed and debugged code written by individuals and provided feedback on coding styles.
- Tutored in Database, Introduction to Programming in Java, and LC-3 Assembly Language.
- Worked closely with 5-7 Computer Science students a semester.

Kean University | *McNair Scholarship Program | Research Contracts*   *Union, NJ | February 2018 – May 2020*

Software Development • Presentations • Research Methods
- Published and presented 1 paper, "Visualizing Neural Networks for Pattern Recognition", at the PRAI 2018 conference.
- Worked with a faculty mentor for 6 weeks on research topics, such as Software Development and Machine Learning.
- Received research grant funding for 2 summers and presented each research at Kean Research Days.

LEADERSHIP and VOLUNTEERING

Association for Computing Machinery | *Vice President*   *September 2018 – May 2019*
- Hosted 2 instructional workshops to 20-30 students, such as Intro to HTML5 and Intro to Genetic Programming.
- Promoted learning, scholarships, and opportunities to the student body, as a representative, during bi-weekly meetings.

HackKean | *Organizer*   *September 2019 – December 2019*
- Provided tips or advice to participating hacker teams and hosted a minigame cup stacking event with 6 participating teams.
- Attended MLH Hackcon VI, funded by the university, to gain insight from other 15-20 hacker community leaders and applied them to our own 100-person Hackathon event, such as budgeting and promotion.

EDUCATION

Kean University   *Union, NJ | May 2020 | GPA: 3.61*

B.S. Computer Science with a focus in Software Development and Full Stack Web Development

RELEVANT COURSEWORK
- Networking • Computer Security • Unix/Linux • Database • Mobile Application Development • LC-3 Assembly Language