

# Kevin Lin

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## EDUCATION

### Bachelor of Science in Computer Engineering

September 2018 – May 2022

*Rutgers University, New Brunswick, NJ*

- Minor in Computer Science
- Engineering Honors Academy/Program (First Year Mentor)
- Cumulative GPA: 3.66
- Relevant Extracurriculars: IEEE Machine Learning/Artificial Intelligence, IEEE Robotics

## RELEVANT SKILLS

- Java, MATLAB, C/C++, RISC-V, Python, MySQL, HTML5, CSS, JavaScript, Git, Android Studio
- Fluent in English and Mandarin Chinese

## RELATED PROJECTS

### Covid-19 Tracking App

January 2021 - Present

- Created an Android app that helps reduce the spread of COVID-19 by properly screening users that are symptomatic or were exposed to the virus.
- Enable features within the app which includes the ability to determine the probability a user has COVID-19 based on user inputs, updated COVID-19 statistics, and allow users to save testing dates and test results, as well as a reminder of the testing date by using the calendar API.

### Staying Awake with Computer Vision

January 2020 – Present

- Assisted in creating a device that alerts the distracted or drowsy driver to stay focused on driving.
- Developed a capability to determine if the driver is watching the road while driving by tracking and detecting the driver's eye movement.

### Solving Hunger in Camden (Engineering Without Borders)

September 2018 – Present

- Acted as the subcommittee leader for the electrical team.
- Interacted with people in Camden to gather the necessary information to construct a device for eliminating hunger.
- Collaborated with team members to design a device that will gather important information like soil moisture level to determine if the plants need water and water the plants automatically when needed.

## WORK EXPERIENCE

### Software Developer

July 2020 – August 2021

*MassMutual, Edison, NJ*

- Programmed an application that uses the idea of Monte Carlo Simulation and historical data to determine the optimal retirement plan for different clients by calculating the chance of success and an estimation of how much they can profit from it.
- Created a database for agents to track their continuing education needs to ensure they can continue business without interruption of their licensure.

### Head Counselor

July 2017 – August 2021

*Highland Park Recreation Center, Highland Park, NJ*

- Developed lesson plans and led multiple activities for a variety of age groups of children from 5-16 years old.
- Engaged children in various activities that built upon logical thinking, creativity, and physical strength.
- Translated for children, including immigrants, who do not understand or speak English.

### Office Assistant

October 2018 – February 2019

*World Financial Group, Piscataway, NJ*

- Helped maintain records for each case, including confidential financial documents.
- Created illustrations various product sold by the company to better assist the clients in determining which products suited them best.
- Utilized communication skills to promote sales and understand client needs.

## RELEVANT SITES

- LinkedIn: <https://www.linkedin.com/in/kevin-lin-3b6292172>
- GitHub: <https://github.com/k3vl>
- Personal Website: <https://k3vl.github.io/KevWeb/>