ZIFAN ZHOU

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Education

University of California, Los Angeles (UCLA) — **Sep. 2021 – Present**
Bachelor of Science in Computer Science and Engineering — *Los Angeles, CA*
GPA: 4.0/4.0

Raritan High School — **Sep. 2017 – Jun. 2021**
High School Diploma — *Hazlet, NJ*
Unweighted GPA: 97.008; Weighted GPA: 107.423/100; Class Rank: 1/228

Relevant Coursework

- Introduction to Computer Science I
- Deep Learning for Computer Vision
- Introduction to Discrete Structures
- Calculus of Several Variables

Experience

ACM at UCLA — **September 2021 - Present**
Member — *Los Angeles, CA*

- Joined ACM at UCLA to participate in multiple groups such as ACM ICPC, ACM AI, and ACM W
- Commited 10 hours weekly on ACM ICPC Training

Technology Student Association at Raritan High School — **Sep 2020 – June 2021**
President — *Hazlet, NJ*

- Developed skills to organize events and coordinate groups to various projects for competitions
- Incorporated PyTorch with Python to analyze image data
- Utilized Github to test and control the flow of project
- Explored ways to visualize data collected through MATLAB

Projects

Android App to Introduce School | *Java, Android Studio* — **April 2020**

- Created an Android application using Java and Android Studio to introduce new students to school
- Processed user-inputted information in back end with Java to show different functions of program
- Utilized templates to create an UI for application to allow smooth scene transformation

Machine Learning of Image Recognition | *PyTorch, Python, PyCharm* — **January 2021 - May 2021**

- Examined the need for image recognition for data containing animals and texts
- Analyzed multiple publications to establish the desired algorithm to optimize
- Learned how to improve the accuracy of machine learning algorithms through multiple experiments

Technical Skills

Languages: Python, Java, C++
Developer Tools: VS Code, Eclipse, CLion, IDEA, PyCharm, Android Studio, MATLAB
Technologies/Frameworks: Linux, GitHub, PyTorch, Tensorflow
Machine Learning: Computer Vision, Autonomous Driving, Reinforcement Learning, Human-in-the-loop Machine Learning