Ruichen Li

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Date of birth: 04/06/2000

Research Experience

PRISMS Independent Research / 2017 -> 2019

Princeton International School of Mathematics and Science (PRISMS) is my high school that requires students to complete a two-year independent research. In PRISMS, I finished my computational sustainability research for future dust fall prediction using Artificial Neural Network (ANN) model. I have presented my poster in the 2018 IEEE Integrated STEM Education Conference (ISEC).

Internship in Dr Liu Yong's Research Group / 2019 Summer

I worked in Dr Liu Yong's research group at Beijing University of Posts and Telecommunications in the summer of 2019. I have assisted in designing and testing a remote communication storage system for surveillance cameras.

Education

Undergraduate, University of California, San Diego (UCSD) / 2019 -> (Expected Time: Winter Quarter 2023)

I am currently an undergraduate student at UCSD majoring in Computer Science. I have obtained a 4.0 GPA for my major/minor classes.

High School, Princeton International School of Mathematics and Science (PRISMS) / 2015 -> 2019

I graduated from PRISMS as an international high school student with an overall GPA of 3.81.

Middle School, Renmin University Affiliated High School Branch School (RF) / 2012 -> 2015

I was born and raised in China. I went to RF for my middle school education.

Profile

I am a hardworking student hoping for an internship in the following year. I have a strong academic background with an overall GPA of 3.81 in high school and currently holding a 3.9 GPA in UCSD.

I am currently involved in two software engineering projects. One is about building a Pomodoro timer and another one is at CCC's project team building a housing information website. Meanwhile, I am very interested in research that I have done two in the past: one about computational sustainability and the other one about security of information transmission. Thus, I hope my experience in different areas and help the team and qualifies me for this internship.

Expertise

- Java Programming
- R Programming
  - ML related
- Experienced in HTML, CSS, JS
- Experienced in C++
- Experience in Python
- Experienced in AutoCAD for 2D