SERENA ZENG

RUTGERS COMPUTER SCIENCE STUDENT

PROFESSIONAL PROFILE

I am a computer science student at Rutgers University eager to learn something new! My interests include web development, machine learning and entrepreneurship.

EDUCATION BACKGROUND

Rutgers University Honors Program

Class of 2024

- Attended from 2011 to 2015
- Graduated with Honors
- Vice President of the Student Government, 2015
- Won the National Debate Tournament 2013

Middlesex County College High School Scholar
- GPA of 4.0
- Classes included Discrete Mathematics and Linear Algebra

Middlesex County Academy for Science, Mathematics and Engineering Mathematics

Electrical and Computer Engineering Track | Class of 2020

- GPA of 4.40
- Entrepreneurship Club Software Director
- AcademyHacks Organizer
- Science Olympiad Captain and 6x medalist
- President of Bioengineering Club

Program for Algorithmic and Computational Thinking
Princeton University | Summer 2019

SKILLS

Languages
- Basic HTML/CSS/JavaScript
- Java
- Python

Libraries & Frameworks
- React
- Bootstrap
- Material UI

Tools
- Git & Github
- Postman
- Command Line
- Canva
- Microsoft Office

Others
- Program Organization
- Teaching

REACH ME AT

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Linkedin: https://www.linkedin.com/in/serena-zeng-b57a37180
Github: https://github.com/srnazng

EXPERIENCE

Intern at Junior Achievement of NJ
July 2020 - Present
- Web development
- Program organization
- Marketing

Computer Science Teacher Assistant
March 2020 - June 2020
- AP Computer Science A with Java
- Introduction to Computer Science with Python

Instructor at Built By Me
June 2020 - Present
- Pygames, Scratch
- Develop curiculum for online learning mangement system

CERTIFICATES

CS50: CS50's Introduction to Computer Science
Issued by HarvardX - An Online Learning Initiative by Harvard University through edX
January 2020

Programming Foundations with JavaScript, HTML and CSS
Issued by Duke University through Coursera
August 2017

PROJECTS

MyBus - Congressional App Challenge 2019 Winner
June 2020 - Present
- MyBus is a product to improve communication through the school bus system consisting of a trackerBox, mobile application and administration website
- HTML/CSS, JavaScript, Firebase, Bootstrap

HackRU Organizer | Frontend Web Developer for Mentorq
July 2020 - Present
- Mentorq: Web based system to connect hackers to mentors
- Role: API integration, administration view, feedback system, website design
- React, Redux, Material-UI

MTPSHacks Website
React based web platform displaying 50+ project submissions for Marlboro Township public school district's middle school hackathon

Digital Portfolio
Created using React, Material-UI and hosted on Heroku