# Roshaan Siddiqui

**Portfolio:** www.roshaansiddiqui.com

**Contact Info**

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## Education

**Wesleyan University,** Middletown, CT **| Class of 2022**
*B.A.* | Major: Computer Science | **GPA: 3.54**

### Relevant Courses
Computational Media:Video Game Development **(TA)**
Audio Visual Machine Learning **(TA)**
Software Engineering
Discrete Mathematics
Data Structures and Algorithms
Computer Structures and Organization
SQL and Databases

### Skills
**Languages:** JavaScript/TypeScript, Python, C#, HTML/CSS, GoLang, SML, SQL, Bash
**Frameworks/Libraries:** React, React Native, Angular, Ionic, Django, TensorFlow, PyTorch
**Tools:** Unity3D, Xcode, Heroku, Jira
**Database:** GraphQL, Firebase, MongoDB, BigQuery

### Accomplishments
IBM Award at HackGT (2020), McNair Scholar, FIRST Robotics Deans List Award

## Experiences

### Coinbase — Remote
***Software Engineer Intern*** — **June 2021 – August 2021**
- Increased conversation rate by 12.5% for users sending cryptocurrency in the Coinbase app by designing and implementing a significantly improved version of the crypto send flow using React & React Native
- Led project meetings with project managers, design team, and other engineers as well as wrote a technical design document outlining project requirements, goals, and implementation details
- Wrote integration and unit tests for newly added features using React Testing Library

### Steaking — Remote
***Founding Software Engineer*** — **January 2021 – Present**
- Designed and developed a production-ready web platform for users to stake and view their staking positions on the Solana blockchain in a user-friendly way
- Since launch in July, scaled, optimized, and added analytics to the platform to cater for our 1000+ daily users
- Received funding by Solana Foundation to become one of the early adopters for Stake Pools to bring liquid staking to users all while helping decentralize the network further

### Wesleyan's Delta Lab — Middletown, CT
***Software Developer & Data Analyst*** — **October 2019 – June 2020**
- Developed an intuitive video annotation web tool to crowdsource crucial training data from over 5,000 students
- Designed and developed a full-stack web application tool to intuitively explore live Facebook ad spending data

### MassVr — Chicago, IL
***Software Engineering Intern*** — **June 2019 – August 2019**
- Collaborated with two software engineers to design and develop a scalable waiver authentication backend system
- Optimized Scala and JavaScript code in the main codebase and assisted in beta testing new VR maps

## Leadership

### FIRST Robotics — Chicago, IL
***Lead Programmer & Captain*** — **June 2012 – April 2018**
- Created robust autonomous programs that advanced the team to the World Championship in 2017

## Projects

***EnergySkate*** (Unity3D, C#) Live View (Second Place at hackathon) — **January 2020 – April 2020**
- Lead Developer on a team of four that created a cross-platform game to teach kids about physics concepts
- Cultivated valuable skills in project management like utilizing Gannt charts and architecting software projects

***Facebook Ad Spending Visualization*** (Angular, HTML/CSS, TypeScript) Live View — **March 2020 – July 2020**
- Developed a visualization timeline tool to explore Facebook ad spending of presidential candidates across the US

***WesCoins*** (React, HTML/CSS, TypeScript) Live View (Third Place at WesHack) — **Feb 2021**
- Deployed a campus-wide reward coin and a platform called WesTasks to utilize the erc20 token on it.