Sohan Kalva

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sohankalva.com

EDUCATION

Carnegie Mellon University   **Pittsburgh, PA**
Bachelor of Science in Information Systems   May 2021
Minor: Business Administration

- **Relevant Coursework:** Blockchain, Data Structures in C, Probability Theory, Game Theory, Business Systems Programming, Machine Learning, Application Design and Development, Microeconomics, Data Science, Benefit Cost Analysis, IOS Development, Product Management, Data Science for Product Managers

RELEVANT SKILLS

Technical: Python, Swift, Java, HTML, JavaScript, COBOL, C, MySQL, MongoDB, React Native, Ruby on Rails, Git, Docker, Jenkins, Gradle, AWS, D3
Certifications: Oracle PLSQL, CCNA ICND1, MTA IT Infrastructure Certification

RELEVANT EXPERIENCE

Bitmark | Taipei, Taiwan(Remote)
Product Lead   June 2021 – Present

- Conducted market research & user research to figure out best next steps for existing product
- Creating new feature to allow individuals to gain complete control over their credit data
- In process of creating new partnerships to aid the development of new feature & looking to raise more funds

Capital One | Mclean, Virginia(Remote)
Engineering Intern – Operations   May 2020 – Aug 2020

- Created a containerized data visualization dashboard application through the use of React, D3.js, AWS EC2, mySQL, Redis, and Docker
- Developed an machine learning algorithm designed to predict fail-overs to minimize sever downtime if one were to occur

Verisign | Reston, Virginia
Engineering Intern – Operations   May 2019 – Aug 2019

- Created a web analytics dashboard using Splunk to assist team in troubleshooting and analyzing website usage across the globe
- Automated the use of their Monitoring Application using a combination of Jenkins, Gradle, Docker, and Ansible

Entre | Pittsburgh, Pennsylvania
UI and Database Developer Intern – Application Development   May 2018 – Aug 2018

- Developed the user interface for company's mobile application using React Native and FramerX
- Configured backend firebase database and created security rules for the database
- Linked firebase database to native app and managed content through Flamelink CMS

PROJECTS

Blockchain Product Development – *ZUZ, Payment Lending Platform*   January 2021 – Present

- Developing back-end infrastructure for crypto ledger to be used by crypto currency holders
- Building out integration plan to deploy ZUZ in Pennsylvania, France, Miami and India for beta testing
- Worked closely with leads to created user journeys, product road map, and conduct competitive analysis for ZUZ

Mobile App Development – *Spotter, the Airbnb of Parking*   May 2020 – Present

- Developed an IOS application to solve the parking problem in urban cities using Swift and Firebase

A&M Bakery   Jan 2019 – May 2019

- Designed a normalized and generalized structure (ERD) for modeling the data
- Developed full stack web application using Ruby on Rails to help govern and manage data, customer communication and booking
- Used MiniTest and Cucumber to create a complete testing suite with full coverage

ORGANIZATIONS

CMU Sahara – Bollywood Fusion Dance Team | *Captain '20 '19, Assistant Captain '18*
Bhangra in the Burgh – Nonprofit Dance Competition | *Liaison Chair '18*
SX2 Dance Academy – Bollywood Fusion Dance Academy | *CEO & Founder*