Sai Konuri

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EDUCATION

University of Virginia   Charlottesville, VA
B.S. in Computer Science   GPA: 3.87   *Expected May 2020*
Business Engineering Minor

Coursework: Algorithms, Computer Architecture, Program Representation and Data Structures, Database Systems, Software Development Methods, Theory of Computation, Discrete Mathematics, Linear Algebra

EXPERIENCE

Nest Realty   Charlottesville, VA
Software Developer Intern   *July 2017 – August 2017*

- Built a full stack web application using the MERN stack (MongoDB, Express, React, and Node.js) from scratch
- Developed two separate portals, one for the agent, and one for the administrator that are both secure
- Designed a user friendly front-end using React and popular UI JavaScript frameworks such as Ant Design

HackCville Launch   Charlottesville, VA
Software Engineering Intern   *May 2017 – July 2017*

- Worked with a small team of aspiring software engineers in a boot camp environment, applying the fundamentals of full stack web development but focusing on React.js and front-end frameworks
- Prepared detailed reports concerning project specifications for multiple clients (local startups) in Charlottesville
- Made weekly presentations on software/web related technologies such as databases, servers, the Internet, etc.

PROJECTS

HoosActive   *July 2017 – Present*
Co-Founder + Full Stack Developer

- Developing an event-based mobile application for scheduling pick-up sports at UVA with React.js
- Created a REST API and real-time rendering using Express.js, Node.js, MongoDB, and Socket.io
- Aiming to analyze data to help UVA plan funding on recreation for the future

ContraPortal   *June 2017*
Software Developer

- Built the form UI for users interested in applying for a clinical trial in male contraception
- Designed data visuals such as graphs, maps, charts, etc. using Highcharts.js and d3.js

MotivateMe   *Jan 2018 – Present*
Founder + Software Developer

- Developing an Alexa Skill using Node.js that gives daily inspiration to users who need motivation

SKILLS

Proficient - C++, Java, Python, JavaScript, HTML, CSS, NoSQL, REST, x86, Unix, React.js, React Native, Express.js, Node.js, MongoDB, Firebase, Visual Studio

Familiar – C, SQL, Shell Scripting, Heroku, AWS, Android Studio, Atom

ACTIVITIES

HackCville (Member) – Educational organization that trains students in Software Engineering, Data Science, etc.

Machine Learning Club (Member) - Weekly research and discussions on topics related to Machine Learning

Aces For Kids (Co-Founder) - Organization that offers free tennis lessons to children in Northern Virginia

Madison House Volunteer – Tennis Instructor for local elementary schools in Charlottesville and Albermarle

Ektaal Fusion Acapella (Member) – UVA's only competitive Bollywood Fusion Acapella group

UVA Club Tennis (Travel Team) – Weekly practices and monthly tournaments at several schools in the East coast