Sai Konuri

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EDUCATION

University of Virginia   **Charlottesville, VA**
B.S. in Computer Science   GPA: 3.903   *Expected May 2020*
Applied Mathematics Minor

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

EXPERIENCE

SAP Concur   **Vienna, VA**
Full-Stack Software Design Engineering Intern   *June 2018 – Present*

- Developed a full stack dependency management service to help Concur employees monitor, manage, and report on 100's of internal applications/services
- Built a RESTful service with Go and an interactive UI using React/Redux/Graphviz

UVA Department of Computer Science   **Charlottesville, VA**
Undergraduate Research Assistant   *Feb 2018 – Present*

- Developing an IntelliJ plugin (Java) that can help analyze a student's workflow in an assignment submission
- Researched and reported on several algorithms and data structures (Myers Diff, ropes, cords) for text editing analysis

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

- Built a full stack web application from scratch using the MERN stack (MongoDB, Express, React, and Node.js) to help manage realtor data, organize realty campaigns, and plan customer events
- Implemented a RESTful API with Node.js and Express.js for all user operations

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

- Developed multiple small scale React/Redux applications (data visualization, inventory management) for local startups as part of a training program
- Made weekly presentations on technologies in databases, web development, machine learning, etc.

PROJECTS/CLUBS

HoosActive   *August 2017 – May 2018*
- Designed and developed a real-time mobile application for scheduling pick-up sports at UVA
- Implemented a RESTful API with real time feedback using Node.js, Express.js, and Socket.io

theCourseForum   *Feb 2018 – Present*
- Implemented a toggler and tab system for the course scheduler that is used by 1000's of students at UVA
- Currently designing a mobile version with React Native

MotivateMe   *June 2018 – Present*
- Developing an Alexa Skill using Node.js that motivates users through inspirational quotes and speeches

SKILLS

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

Familiar –   C, SQL, Shell Scripting, AWS, Docker, Kubernetes, Jenkins, Android Studio

ACTIVITIES

UVA Mobile Dev Hub -- Madison House Volunteer -- Ektaal Fusion Acapella -- UVA Club Tennis -- Aces For Kids -- Indian Student Association