Aakash K. Balaji

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EDUCATION

University of Connecticut (UConn), Storrs, CT
Bachelor of Science in Engineering, Computer Science and Engineering   May 2020
Spring/Fall 2018 Dean's List Scholar, Spring 2019 Dean's List Scholar
GPA: 3.48/4.00

SKILLS

Languages: HTML/CSS/Javascript, Python, Java, Solidity, VBA, C, Scheme, Prolog
Frameworks/Libraries/Databases: React Native, React JS, Android, Node Js/Express, Ethereum, MongoDB, Gatsby, Jest, Django, GraphQL/Apollo
Cloud Platforms: AWS (Amazon Web Services), GCP (Google Cloud Platform), Firebase
Design Tools: Figma

INTERNSHIP EXPERIENCE

Loan Snap, San Francisco Bay Area, CA
Full Stack Engineer   June 2019 - Present
- Rapidly develop features and solutions for a robust backend using Python, Django, and GraphQL
- Update mobile and web applications based on customer needs utilizing React js, React Native, Redux, and Apollo

True Ventures, San Francisco Bay Area, CA
TEC Fellow   June 2019 - Present
- Participate in a variety of events giving me in depth knowledge of the Venture Capital business
- Speak with various entrepreneurs and investors to gain key insights about running and growing startups in any field
- Spend time working at a startup to gain firsthand experience in growing a startup

Cigna, Bloomfield, CT
Backend Architect Intern   September 2018 – June 2019
- Utilized MongoDB, Node Js, and Express to develop a comprehensive backend for a leaderboard system
- Hosted and maintained a backend on Cigna's private cloud using transferable skills from AWS

Software Architect Intern   January 2018 – August 2018
- Developed a cross-platform mobile application, connected to a provider information database on a distributed ledger, using JavaScript and React Native
- Developed a voice navigation feature for an android application using Java, Python, and Tensor Flow

Xamax Industries, Seymour, CT
Software Engineer   December 2016 - August 2017
- Developed a program that automates material testing tasks to increase company efficiency using Python and VBA
- Worked closely with colleagues to expand and innovate data management systems via MS Access
- Developed a proprietary system that eliminated need for third party software, therefore, decreasing annual costs

PERSONAL PROJECTS

FitTrek - Startup
Full Stack Developer, Co-Founder   November 2018 - Present
- Develop a decentralized data tracking and management tool used to help health insurers incentivize healthy fitness habits among insured
- Architect backend on the Ethereum blockchain using Solidity
- Design robust UI/UX using Figma, and develop it using React
- Practice skills in customer discovery and acquisition learned through Accelerate UConn, an early stage startup accelerator

Follow - Startup
Full Stack Developer, Co-Founder   Septemeber 2018 – June 2019
- Developed a social media aggregator that allows people to connect with new peers faster
- Architected the backend on Firebase and developed mobile/web app using React Native, React, Gatsby, Jest
- Consistently interacted with potential customers to collect valuable feedback used to iterate on our product
- Won $1000 through a competitive startup competition (UConn Get-Seeded)

DropBoard - Startup
Frontend Developer, Co-Founder   November 2017 - August 2018
- Developed a business based on a hackathon project and released it to 25 alpha testers
- Built a functional, drawing based social media application using JavaScript and React Native
- Originally used AWS and then migrated to GCP to architect a real-time backend
- Placed top 10 in the UConn Innovation Quest Incubator and completed the summer incubator