

Aakash K. Balaji

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EDUCATION

University of Connecticut (UConn), Storrs, CT

Bachelor of Science in Engineering, Computer Science and Engineering

Spring 2018 Dean's List Scholar, Fall 2018 Dean's List Scholar

GPA: 3.44/4.00

May 2020

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

Cloud Platforms: AWS (Amazon Web Services), GCP (Google Cloud Platform), Firebase

Design Tools: Figma

INTERNSHIP EXPERIENCE

Cigna, Bloomfield, CT

Backend Architect Intern

September 2018 – Present

- Utilize MongoDB, Node Js, and Express to develop a comprehensive backend for a leaderboard system
- Host and maintain 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

Follow - Startup

Full Stack Developer, Co-Founder

October 2018 - Present

- Develop a social media aggregator that allows people to connect with new peers faster
- Architect the backend on Firebase and develop mobile/web app using React Native, React, Gatsby, Jest
- Consistently interact with potential customers to collect valuable feedback used to iterate on our product
- Won \$1000 through a competitive startup competition (UConn Get-Seeded)

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

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

OTHER ACTIVITIES

First Robotics Competitions, Hartford, CT

Awards: 1991 Top Senior

June 2016

Programming Lead/Programmer

September 2012 - June 2016

- Co-led and managed a robotics programming team by mentoring younger students, deciding on specifications for the robot and collaborating with the electrical and mechanical teams to establish a smooth workflow
- Designed, programmed, and structured a robot, that can traverse through various traps while shooting balls into a goal, with fellow leaders using Java