Sahil Joshi

Amherst, MA, 01003

www.sahiljoshi.tk | sahiljoshi759@gmail.com | github.com/sahiljoshi515 | linkedin.com/in/sahil-joshi-19576118b | (469) 465-3735

Education

University of Massachusetts, Amherst   Aug 2019 – May 2023
BACHELOR OF SCIENCE IN COMPUTER SCIENCE & MATHEMATICS
- GPA: 4.0 | College of Information & Computer Science | Chancellor's Scholarship | Dean's List
- Related Coursework: Introduction to Programming using Java, Data Structures and Algorithms, Computer Systems Principles, Introduction to computation, Linear Algebra, Multivariate Calculus, Ordinary Differential Equations, Probability & Statistics, Python Bootcamp (Udemy), IOS App-Development (Udemy), Web-Development (Udemy)

Experience

Frontend Developer at CICS Career Community, UMass   June 2020 – Present
PROJECT REACHOUT
- ReachOUT is a web application which will be used by students for scheduling appointments with the CICS advisors.
- Working in a frontend scrum team of 8 members to design the UI with React.js for the web application. Building the mobile app in React Native.
- Attending standups twice a week and using GitHub and Trello to exchange code and relevant project information.

Undergraduate Course Assistant, UMass   Jan 2020 – Present
CS 121, CS 187
- Engage with students and help them understand the course material.
- Debug and grade students' projects as well as provide relevant comments and other feedback to further students' skills and improve future work.

Intern at VASP SOLUTIONS LLP, India   May 2019 – July 2019
SOFTWARE TRAINEE
- Learnt the basics of Android and IOS App-Development. Made user-defined manuals for several applications in Word.
- Designed several applications in XCode using Swift.
- Learnt to co-ordinate with different people while working on the same project.
- Solved several coding problems and achieved proficiency in Java.

Skills

Programming: Swift, Java, Python, C++, HTML, CSS, JavaScript, React.js, Node.js, Shell Script, LaTeX, SQL, Unix, Git, REST API
Development: GitHub, Firebase, Microsoft Utilities, Bootstrap, MongoDB, VS Code, Eclipse, Atom, Arduino, Trello, Scrum, Heroku
Languages: English, Marathi, Hindi, German

Projects

Woolgatherer Web Service   July 2020 – Aug 2020
- I am working as a research assistant to modify this webservice. We are using Bootstrap, JQuery and Jinja for the frontend and PostgreSQL for the backend.

Keeper App   June 2020
- It is very similar to Google Keep. Built this app to gain working proficiency in React.js.
- Used Node.js and MongoDB for the backend.

Simon Game   June 2020
- Inspired from a game which 8 years old play. It is a memory game in which you need to keep track of the previous pattern and click on the next key which flashes on the screen.
- Used JavaScript and JQuery to achieve the functionality. Play game at sahiljoshi515.github.io/Simon-Game/

Text-Based Games using Python   Mar 2020 – Apr 2020
- Tic-Tac-Toe
- Black-Jack

Analytics   May 2020
- Wrote a source code in Python which gathers information of the currently going on COVID-19 crisis based on the country code you enter. It converts the data received from a third-party API into a .csv file which makes it more readable for the user.

Arduino Projects   Feb 2020 – May 2020
LIQUID TEMPERATURE MEASUREMENT
- Used DS18B20 to achieve the required result. I wrote basic C++ scripts to modify the voltage received and converted it to a suitable temperature. This answered my Science question: Which liquid cools faster?
LIGHT SENSING DEVICE
- Used an LED to achieve the required result. The LED goes off when lights are turned ON and it turns on when lights are Turned OFF.