SHAMBAVI BHASKAR

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EDUCATION

San Jose State University - San Jose, CA   **Expected Graduation: December 2021**
Bachelor of Science, Computer Science
Minor in Bioinformatics
Relevant Coursework: Object Oriented Design, Formal Language and Computability, BioInformatics, Statistics for BioInformatics, Data Structures and Algorithms, Java Programming

SKILLS

Java, Javascript, CSS, Python, C#, Node JS, Angular, HTML, Typescript, Ruby on Rails, MongoDB, Postman, Microsoft Office Suite (Excel, Powerpoint, Word), Wordpress, Canva, Slack, Zoom, WebEx

EXPERIENCE

Software Intern   **May 2020-September 2020**
Groundhog, Milptias, CA
- Utilized Node js and Angular to develop the backend of a program that allowed employees to input and manage data involving location and organization of employees and technology in oil mining fields
- Used Socket IO in Node JS to create a Chatbot that was used to communicate with website visitors

Software Intern   **May 2018-September 2018**
RapidBizApps, Milpitas, CA
- Used excel and C# to track and evaluate patterns in user interaction and interest in particular facets of the website
- Utilized Wordpress in order to design the UI and content of the company's informational website
- Created an automated system that predicted the emails of potential clients to put on a mailing list

PROJECTS

DNA and RNA Algorithmic Sequence Aligning   **January 2020 - May 2020**
- Created a python program that used multiple algorithms to identify, locate, and correctly align sets of DNA and RNA sequences
- Stored final datasets by utilizing MongoDB

Steganography and Encryption User Interface   **August 2020-December 2020**
- Developed a recreational encrypted messaging platform using steganography and crypto
- Used HTML and CSS to create visually appealing user platforms for ciphered communication

LEADERSHIP

Student Alumni Connections (SAC) at San Jose State University
Vice President External Affairs   **August 2019-May 2020**
- Led corporate events with professionals from technology companies
- Was company liaison for recruitment and information sessions
- Led the initiative as to what type of events to host and which companies to work with
- Helped members with corporate and professional development

The Spartones A Cappella at San Jose State University
Head of Fundraising   **August 2019-May 2020**
- Organized and executed successful fundraisers to raise funds for the student organization
- Managed a fundraising director and fundraising committee