

VENIKA GAUR

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EMPLOYMENT

Siemens – Software Development Intern Jan 2020 – Apr 2020

- Developed a data collection REST API for creating and querying application log data using Node.js.
- Wrote a web app for creating and managing sprint tasks using React, GraphQL API, and AWS Amplify.
- Maintained software by writing tests using Selenium and Jest. Achieved 100% code coverage.

Siemens – Infrastructure Development Intern Aug 2019 – Dec 2019

- Automated the creation of virtual machines using Python, improving time efficiency by 85%.
- Created Terraform modules to implement Infrastructure as Code (IaC) for Windows and Linux machines, reducing manual input by 90%.
- Expedited consumer product release by writing Python and Bash scripts to automate testing.

University of Alabama in Huntsville – Resident Assistant July 2018 – May 2020

- Implemented a Java program to create unique inventory codes for over 8000 pieces of furniture, successfully solving the inventory issues in the campus residence halls.
- Created a Python program to monitor floor's group messages to ensure a healthy living community.

University of Alabama in Huntsville – Honors Tutor Jan 2017 – May 2020

- Tutored students in the fundamental concepts of object-oriented programming, data structures, algorithms, web development, android app development, and game development.
- Created and provided learning materials and assignments to over 100 students.

EDUCATION

University of Alabama in Huntsville Huntsville, AL

- B.S. in Computer Science with Minor in Mathematics, July 2020.
- Graduated Magna Cum Laude. GPA: 3.75.

PROJECTS

- **Music Machine** – A virtual piano that lets users create a melody, save it to the cloud and then share its link with others. *JavaScript, Express JS, Mongo DB.*
- **BaatCheet Chat App** – A real time chat application where multiple users can enter a chat room and send instant messages to each other. *Node JS, Web Sockets.*
- **EasyTweet** – An Android application that utilizes Twitter REST API to allow users to view their twitter timeline, post a tweet and interact with other twitter posts. *Java.*

ADDITIONAL EXPERIENCE AND AWARDS

Web Developer Oct 2020 – Present

- Designed and developed websites pro-bono for small businesses affected by COVID-19.

TechTogether Atlanta Speaker Feb 2021

- Led an engaging virtual workshop on algorithms and data structures for over 800 global participants.

Boeing New Business Challenge Oct 2017 – Mar 2018

- Designed and developed an Android application for sharing meals and won 2nd place and \$3500 prize.

SKILLS

- **Languages:** Java, JavaScript, HTML/CSS, Python, Lua.
- **Technologies:** React, Node.js, MongoDB, Express, Amazon Web Services, RESTful web services.