# Venika Gaur

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## EDUCATION

**University of Alabama in Huntsville**                                                                         **Huntsville, AL**
*BS in Computer Science with a Mathematics minor (GPA: 3.8)*                               *Graduation Date: July 2020*
- Organizations/Awards: Honors Program, Dean's Honors List

## WORK EXPERIENCE

**E&C Outdoorsmen**                                                                                                       **Huntsville, AL**
*Software Developer*                                                                                              *January 2021 – Present*
- Develop a chat bot to improve customer experiences and retention, by providing information about seasonal deals and ongoing sales, using Node.js and Google cloud.
- Create and optimize product dashboard using React and Node.js to display best-selling products based on user preferences and drive sales traffic up by 37%
- Build REST APIs for managing product inventory database and storing user preferences by utilizing Node.js, Express and MongoDB.

**Siemens**                                                                                                                    **Huntsville, AL**
*Software Developer Intern*                                                                                   *January 2020 - April 2020*
- Created a data collection REST API with Node.js to parse through application log data and create a report of failed runs to help test teams track bugs in the code, which improved task efficiency by 15% daily.
- Designed, developed, and deployed a web application to manage sprint tasks and deadlines using React, GraphQL API and AWS to improve personal productivity by 30%
- Wrote unit tests, integration tests and performed end-to-end testing for client products using Enzyme, Selenium and Jest.

**Siemens**                                                                                                                    **Huntsville, AL**
*Infrastructure Developer Intern*                                                                   *August 2019 – December 2019*
- Automated the creation of virtual machines for consumer product testing using Python, improving time efficiency by more than 85%
- Collaborated with global teams to implement infrastructure as code (IaC) to reduce manual programming input by 90%, by creating terraform modules.
- Expedited consumer product release by 25% using Python and Bash scripts to automate product testing.

## PROJECTS

**BaatCheet Chat App**                                                                                                               **GitHub**
- A real time chat application where multiple users can enter a chat room and send instant messages to each other. *NodeJS, Express JS, Web sockets.*

**Music Machine**                                                                                                                       **GitHub**
- 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.*

## LEADERSHIP EXPERIENCE

**TechTogether Speaker**                                                                                                      **Atlanta, GA**
*Technology Workshop Leader*                                                                            *February 2021 – Present*
- Led an engaging workshop on algorithms and data structures for 800+ global participants, providing resources to help them improve their tech interview skills.

**University of Alabama in Huntsville**                                                                         **Huntsville, AL**
*Resident Assistant*                                                                                                   *July 2018 – May 2020*
- Insured a safe and healthy living community for 500+ residents by doing regular building inspections, planning diverse programs, and holding tutoring hours for Honors computer science and mathematics classes.
- Created an application for the university housing department to create inventory codes for managing 8000+ pieces of furniture, successfully solving the inventory issues in campus residence halls.

## SKILLS & INTERESTS

**Skills:** Java | JavaScript | HTML/CSS | Python | React | Node.js | MongoDB | MySQL | RESTful Web Services