Venika Gaur

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EDUCATION

University of Alabama in Huntsville   *Huntsville, AL*
Bachelor of Science in Computer Science | Minor in Mathematics | Honors College | 3.8/4.00
UAH Charger Distinction 100% Scholarship winner | Dean's List (2016, 2017, 2018)
Coursework: Data Structures, Algorithm analysis, Object-Oriented Programming, Linear algebra, Operating systems

WORK EXPERIENCE

Mentor Graphics   *Huntsville, AL*
EBS Infrastructure Development Intern   *August. 2019 – Present*
- Utilize NodeJS to parse configuration and performance data
- Use virtual environment to automate testing
- Develop and maintain automated system test solution for web and java-based applications.

The University of Alabama in Huntsville   *Huntsville, AL*
Resident Assistant   *July. 2018 – Present*
- Foster the development of relationship between 80 residents: consisting of undergraduates and international students.
- Plan and implement programs to assist students in their transition to the university.
- Counsel and advise first year students. Develop and conduct programs on diversity, wellness, academics, community and involvement.

The University of Alabama in Huntsville   *Huntsville, AL*
PASS Leader – Student Success Center   *Jan. 2016 – Apr. 2019*
- Led study groups of around 30 students outside of class to review and reinforce course content and study strategies
- Worked closely with faculty and students to assist students in academic achievement

PROJECTS

Furniture Inventory   *May 2019 – Present*
- Created a unique code and inventory process for over **8000 pieces of furniture** all over campus.
- Successfully created and maintained database for the furniture in all the residence halls on campus.
- Led a team of 12 Resident Assistants to successfully tag every single piece of furniture in all the residences halls.
- Currently using HTML, CSS and JavaScript to create an interactive tool for displaying all the furniture data.

VIKYHomes- Real Estate Management Software   *Jan. 2018 – Present*
- Worked on a 4 people team to create a real estate management web application similar to Zillow.
- Created a database using SQLite and Flask web framework. Used Python, HTML, CSS for the web application.
- Took lead on unit and integration testing on the final software and helped with documentation using Scrum (Agile Methodology).

M.E.A.L.S.- Boeing New Business Challenge   *Oct. 2016 – Mar. 2017*
- Participated and won **2nd** place in the New Business Challenge beating 18 other teams.
- Conceptualized and designed an application in Java using android studio that helped lonely college student find a meal buddy.
- Conducted multiple campus wide surveys and created a marketing strategy for the business plan

VOLUNTEERING EXPERIENCE

The University of Alabama in Huntsville   *Huntsville, AL*
Senior Honors Mentor – Honors College   *Aug. 2017 – Aug. 2019*
- Acted as a liaison between Honors college and 80 Honors mentors.
- Helped Honors Community Leaders in planning and advertising Honors events and programs.

The University of Alabama in Huntsville   *Huntsville, AL*
Web Administrator- Indian Student Organization   *Aug. 2017 – Dec. 2018*
- Created, designed and maintained the web presence for the organization.
- Managed event updates and social media posts.

SKILLS

- Technologies: Microsoft Office, Adobe Creative Suite, Corona SDK, Android Studio, Arduino, Flask,
- Languages: C++, Java, HTML/CSS, PHP, JavaScript, Lua, Python, C, ARM, MySQL
- Version Control: Git, GitHub, BitBucket