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|  | **Venika Gaur** |  |
| [*www.venikagaur.com*](https://www.venikagaur.com/) | [*www.linkedin.com/in/venikagaur/*](https://www.linkedin.com/in/venikagaur/) | [*venikagaur@gmail.com*](mailto:venikagaur@gmail.com) |
| **Employment** | | |
| **Infrastructure Dev, Intern** | **Mentor Graphics** | Jan 2020 – Apr 2020 |
| * Actively tested updates and installs for EDA products on Linux/Windows system to expediate product release by 20% * Maintained product by writing tests using Selenium and Jest. Achieved 100% code coverage and 95% test coverage. * Created extensive documentation for automating and testing to be used within the organization. | | |
| **Dev Ops, Intern** | Mentor Graphics | Aug 2019 – Dec 2019 |
| * Leveraged Terraform and VMware to implement Infrastructure as Code (IaC), reducing manual input by 90% * Wrote scripts to automate the creation of virtual machines, decreasing time by 85% * Ran over 300 users automated tests daily through TestFarm, catching and reporting bugs on new product builds. | | |
| **Resident Assistant** | University of Alabama in Huntsville | July 2018 – May 2020 |
| Senior Resident Assistant(July 2019 – May 2020)   * Assisted the Resident Director (RD) with building duties and acted as a liaison between the Resident Assistants (RAs) and the RD. * Insured safety and security of 500 students by doing regular building inspections.   Summer Resident Assistant(May 2019 – July 2019)   * Built a program to create unique inventory codes for over 8000 pieces of furniture in all the campus residence halls, successfully solving the inventory issues in the buildings. * Led a team of 12 RAs to tag all the furniture quickly and efficiently, finishing the project in 1/3rd of the time. | | |
| **Education** | | |
| **Huntsville, AL** | **University of Alabama in Huntsville** | **Jan 2016 – July 2020** |
| * B.S. in Computer Science with Minor in Mathematics, July 2020. * Graduated Magna Cum Laude. GPA: 3.75. * Charger Distinction 100% Scholarship. | | |
| **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 talk with each other. *Node JS, Web Sockets*. * **Codedit –** Online code editor that allows users to create and build HTML, CSS, and JavaScript code right in their browser. *React JS*. | | |
| **Additional Experience and Awards** | | |
| * **MLH tech workshop lead:**  Lead a tech workshop for over 80 people during Major League Hacking Local Hack Day 2020. * **Boeing New Business Challenge:** Awarded 2nd prize and $3500 for Meal Plan Sharing project. | | |
| **Skills** | | |
| * Languages: Java, JavaScript, HTML/CSS, Python. * Tools/Frameworks: React, Node.js, Git, MongoDB, Express, Agile/Scrum, Unit Testing, Terraform, AWS | | |