

# VENIKA GAUR

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## EMPLOYMENT

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<b>Infrastructure Dev Intern</b>	<b>Mentor Graphics</b>	<b>Jan 2020 – Apr 2020</b>
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- 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.

<b>Dev Ops Intern</b>	<b>Mentor Graphics</b>	<b>Aug 2019 – Dec 2019</b>
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- 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.

<b>Resident Assistant</b>	<b>University of Alabama in Huntsville</b>	<b>July 2018 – May 2020</b>
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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 1/3<sup>rd</sup> of the time.

## EDUCATION

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<b>Huntsville, AL</b>	<b>University of Alabama in Huntsville</b>	<b>Jan 2016 – July 2020</b>
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- B.S. in Computer Science with Minor in Mathematics, July 2020.
- Graduated Magna Cum Laude. GPA: 3.75.

## PROJECTS

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- **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

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- **MLH workshop lead:** Hosted tech workshop for over 80 people during Major League Hacking LHD 2020.
  - **Georgia Tech Hackathon Mentor:** Guided teams during HackGT 7, helping with Web Dev and Dev Ops.
  - **Boeing New Business Challenge:** Awarded 2<sup>nd</sup> prize and \$3500 for a Meal Plan Sharing application.
  - **Charger Distinction Scholarship:** Awarded 100% tuition scholarship for all 4 years of university.

## SKILLS

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- **Languages:** Java, JavaScript, HTML/CSS, Python.
  - **Tools/Frameworks:** React, Node.js, Git, MongoDB, Express, Agile/Scrum, Unit Testing, Terraform, AWS