Shashank A. Narayan

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SUMMARY Graduating from Georgia Tech seeking full time positions for 2021. Critical thinking, project management, leadership, and technical ability demonstrated in multiple internships and academic projects.

EDUCATION

Undergraduate at **Georgia Institute of Technology** — **Graduation:** December 2020
Computer Science (Computing and Devices) Minor — **GPA:** 3.85
Mechanical Engineering (BSME) Major

PROFESSIONAL EXPERIENCE

Bell Flight — May - Aug 2019
Aerospace Engineering Intern — Fort Worth, TX

- As part of the design team in the rotors division, developed a procedure to conduct stiffness testing on mechanisms my team designed
- Used CATIA to build an assembly and demonstrate where and how to load the assembly and the locations to place instrumentation. Created design drawings for custom parts
- Presented a full procedure in on how to conduct testing

Volvo Group — Jan - May 2019
Mechanical Engineering Co-op — Greensboro, NC

- Involved in the prototyping of the company's first electric tractor-trailer trucks by coordinating between the design team, the purchasing, and the prototyping facility to get the necessary parts shipped or built
- Created a system to track and catalog every part needed for each truck being assembled
- Lead designer for a front suspension project which required mounting a load sensor to the truck's front axle to measure the vibration when driving with different front suspensions
- Designed an assembly in PTC Creo and used FEA to ensure the mounting bracket holding the load sensor was stiff enough that the load sensor only picked up vibration from the truck suspension

SKILLS

Technical Skills: Web and Mobile Development, Machine Learning, Data Visualization
Programming Languages: Python, JavaScript, MATLAB, Java, C, R

ACADEMIC PROJECTS

FoodFinder — Aug - Dec 2019
Project for CS 4261: Mobile Apps and Services — Atlanta, GA

- FoodFinder was an app that allowed students to find and share inexpensive food around campus
- Developed and tested on the UI of the app in React-Native
- The class followed an Agile framework with sprints lasting 2-4 weeks. Each sprint required an update of the Business Model Canvas, the User Stories, and the Minimum Viable Prototype

GT Off Road (Atlanta, GA) — 2016 - 2019

- Georgia Tech Off Road is a club that annually takes part in the Baja SAE collegiate design competition. Teams design and manufacture a one-person off-road race car
- Started on manufacture and repair and eventually led a team of 5 in the design of the 2019 car's braking system
- Calculated the loads on the car, determined which parts should be manufactured in-house, integrated the design, and created design validation tests

Machine Learning Regression Project — Aug - Dec 2019
Project for CS 4641: Machine Learning

- Built three algorithms using Machine Learning regression techniques that used a dataset of houses to predict house prices based on the features in the dataset.