

Shashank A. Narayan

Atlanta, GA | Washington, DC | shashanknx@gmail.com | (301) 742-1131

SUMMARY

Outside-the-box thinker, passionate about leveraging excellent project management, problem solving, and collaboration skills in a product management career. Exceptional academic record and broad technical experience in engineering and software. Seeking a full-time position for 2021

EDUCATION

Undergraduate at **Georgia Institute of Technology**
Bachelor of Science in **Mechanical Engineering**
Minor in **Computer Science** (Computing and Devices)

Graduation: December 2020

GPA: 3.86

SKILLS

Relevant Skills: Technical Communication, Data Analysis, Requirements Gathering

Programming Languages: Python, JavaScript, MATLAB, Java, C, R, SQL

PROFESSIONAL EXPERIENCE

Bell Flight

May - Aug 2019

American aerospace manufacturer that produces military rotorcraft and commercial helicopters

Fort Worth, TX

Aerospace Engineering Intern

- Responsible for the development of stiffness testing procedures for rotor mechanisms to ensure their effective operation
- Organized regular cross-functional team meetings to demonstrate progress to those in senior positions, to receive feedback from project stakeholders, and to gather future design requirements
- Produced several detailed designs for manufacture in CATIA software and multiple presentations outlining how to conduct stiffness testing to collect reliable data

Volvo Group

Jan - May 2019

Multinational manufacturing company that produces trucks, busses, and construction equipment

Greensboro, NC

Mechanical Engineering Co-op

- Facilitated the building of Volvo's first electric truck prototypes by coordinating between employees in disparate company roles including engineering, purchasing, and manufacturing
- Streamlined the build process by creating a parts tracking spreadsheet for each truck that reduced downtime experienced by mechanics waiting for parts to arrive
- Coordinated between design engineers and manufacturers by producing necessary technical drawings of parts to be made in-house and troubleshooting problems in manufacturing and assembly
- Contributed to multiple projects aimed at improving the front suspension of highway trucks by building multibody dynamics models and designing new parts

ACADEMIC PROJECTS

FoodFinder Project for CS 4261: Mobile Apps and Services

Aug - Dec 2019

Envisioned and built a social media application for iOS that allowed users to share their favorite restaurants around Georgia Tech

Atlanta, GA

- Operated under an Agile framework with multiple design iterations built during sprints lasting 2-4 weeks
- Formed a product backlog, developed a business model canvas, and drew multiple user stories to guide the build process
- Led retrospectives after each sprint to gather feedback demonstrate progress towards the minimum viable prototype

Brake Design Lead: GT Off Road

Aug - Dec 2019

GT Off Road annually designs and manufactures an off road race car for the BAJA SAE Design Competition

- Overhauled the design of the braking system of the 2019 car by collaborating with the other system leads, writing detailed documentation of the design process, and developing an effective design validation methodology