**Udayan** **Ambwani**

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I am a senior undergraduate student at the Georgia Institute of Technology pursuing Computer Science with a specialization in Intelligence and Human-Computer Interaction. I have a passion for innovative technology and like to build things on the web that have a positive impact.

**EDUCATION**

**Bachelors of Computer Science** Aug 2018 - Dec 2022

*Georgia Institute of Technology, Atlanta, Georgia*

* Honors: Dean’s List
* Relevant Coursework: Machine Learning, Data Structures, Design and analysis of Algorithms, Operating Systems, Intro to Computer Vision

**EXPERIENCE**

**Research Intern** May 2022 - Present

*Georgia Institute of Technology, Atlanta, GA*

* Assisted in investigating data movement for accelerators like GPU, working to model and map algorithms to high-performance architecture
* Collaborated on mapping bandwidth-intensive algorithms to 3D stacked memories

**Software Engineer Intern** Sep 2021 - Dec 2021

*Simeio Solutions, Atlanta, GA*

* Collaborated across cross-functional agile teams to support application integration into an Identity Management tool suite
* Developed interactive admin portal for the IAM suite utilizing the Angular.js framework
* Identified and tracked issues, assessed, and executed resolution

**Product Management Intern** Jun 2019 - Aug 2019

*Nokia, New Delhi, DL*

* Developed and maintained product use cases, requirements, and wireframes
* Spearheaded the development of a highly scalable application aimed at automating meeting scheduling resulting in improved workflow
* Summarized user needs through research, testing, data analysis, and use of existing products

**PROJECTS**

**E-Commerce Shop**

* Developed and deployed a full-stack e-commerce shop with authorization, payment handling, and an admin portal
* Utilized Next.js framework along with Stripe

**SKILLS**

Languages: Javascript, Java, Python, C++

Technologies: React.js, Next.js, Angular.js, Node, AWS, Git