

Udayan Ambwani

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EDUCATION

Bachelor 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

- Spearheaded the development of a highly scalable application aimed at automating meeting scheduling resulting in improved workflow
- Developed and maintained product use cases, requirements, and wireframes
- 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
- Provided support for search engine optimization for higher indexing through Google's search engine crawler
- Improved website performance by compressing, caching, and lazy loading images and components

Covid Tracker

- Designed, developed, and hosted a frontend react application that displays real-time information regarding covid cases across the globe using the disease.sh API

SKILLS

Languages: Javascript, Java, Python, C++

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