Udayan Ambwani

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EDUCATION

Bachelor's 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, Knowledge Based AI

EXPERIENCE

Research Intern   May 2022 – Aug 2022

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
- Facilitated development of an interactive admin portal for the IAM suite utilizing React.js framework
- Identified and tracked issues, assessed, and executed resolution

Product Management Intern   May 2019 - Aug 2019

Nokia, New Delhi, DL
- Researched and compiled data to prepare competitive analysis and trend analysis for business development
- Conducted customer research using qualitative surveys to understand consumer opinions
- Optimized user authentication flow based on QA and A/B testing results which led to a conversion rate uptick of 15% by Q3 objective metrics
- Maintained and updated project plan by tracking technical dependencies and issued project milestone updates

PROJECTS

E-Commerce Shop – ([View Project](#))
- Developed and deployed a full-stack e-commerce shop with authorization, payment handling (Stripe), and an admin portal (AuthO)
- Increased traffic by 20% employing Search Engine Optimization
- Utilized Next.js framework along with Stripe

Covid Tracker – ([View Project](#))
- Developed application using open disease API to track and display information regarding total cases, deaths, and recoveries
- Incorporated the Material UI library to create the user interface and Firebase as the backend to store website data

Search Engine – ([View Project](#))

- Deployed an application that fetches data from Google Search API to sort and display search results by News, Images, and Videos

SKILLS

Languages: JavaScript, Java, Python, HTML, CSS
Frameworks: React.js, Angular.js, Node
Tools: AWS, Git, Jira, Figma