

AAN N. PATEL

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EDUCATION

University of North Carolina at Chapel Hill – Chapel Hill, NC

Aug 2019 - Dec 2021

Bachelor of Science, Computer Science, CGPA: 3.98/4.00

- Relevant Coursework: Operating Systems, Databases, Computer Organization, Networks, Linear Algebra, Probability
- This fall: Modern Web Development, Algorithms and Analysis, Intro to Machine Learning

Vellore Institute of Technology (VIT) – Vellore, TN, India

July 2017 - May 2019

Bachelor of Technology, Computer Science and Engineering, Transferred to UNC, CGPA: 9.64/10.00

PROJECTS

MediScan (HackDuke Project - [Devpost link](#))

Nov 2019

Android app in Java that automates scanning of medical forms & records. Uses Google Cloud Vision character recognition.

Newstopia (HackNC Project - [Devpost link](#))

Oct 2019

A social media app for news (previously TrustMe App) - Came up with the app idea, designed the Cloud Firestore database, used NodeJS to index the database onto Algolia and helped my teammate code the iOS app in Swift.

Chapel Hill Crime Insights (Carolina Data Challenge Project - [Dashboard Link](#))

Oct 2019

A dashboard that provides insights into Chapel Hill's crime data, via visualizations made using Tableau.

PiVision (SELECT Make-a-thon Project)

Apr 2019

An AI surveillance project. Winner – Top 10 Projects at SELECT Make-a-thon, a 36-hour national level hackathon. Received Rupees 100k grant offer from VIT Technology Business Incubator for the same.

SkillMatch ([Android app's github](#), [website's github](#))

Nov 2018

A PHP and MySQL website with front-end designed using pure CSS and an Android app coded in Java that allows students to showcase their skills, interests, share experiences, collaborate and interact (via an AJAX chat module) with other students to forge mutually beneficial partnerships for executing projects.

EXPERIENCE

iD Tech Camps – Philadelphia, PA

Virtual Tech Camp Instructor

June 2020 – Aug 2020

- Taught Java by modding Minecraft to teens (ages 13-18) for 3 weeks, and children ages 10-12 for 3 weeks.

Global BizConnect – Vadodara, GJ, India

Full-stack PHP Web Developer Intern

May 2019 – July 2019

- Used the LAMP stack and Bootstrap to design and implement an e-learning platform featuring PayTM payment gateway integration and Google OAuth 2.0 integration, and a job portal website.

TECHNICAL SKILLS

- Programming languages and tools: Java, JavaScript, Python, C, C++, MATLAB, R, Tableau, Arduino, MIPS & x86 Assembly
- App and Web Development: Android App Development (Java), PHP, MySQL (LAMP Stack), HTML, CSS, JavaScript, jQuery, AJAX, Bootstrap, Cloud Firestore, Firebase Authentication

LEADERSHIP AND COMMUNITY INVOLVEMENT

Google Developers Group – Chapel Hill, NC

Dec 2019 – Present

Co-founder & Co-organizer

- Leading a team of 11 to build a developer community supported by Google Developers (developers.google.com).
- Hosted and lectured at the virtual event - Firebase Study Jam by GDG Chapel Hill in June 2020.

International Society of Automation - VIT Chapter – Vellore, TN, India

Dec 2017 – May 2019

Project Team Member

- Prepared and delivered a hands-on JavaScript crash-course at ISA-VIT's Web Development Workshop.
- Helped in the design of the chapter's blog, blog.isavit.club.
- Event Co-ordinator for annual events – SPARK '18 and SPARK '19.



I have made many more projects! Click or scan the QR code to view them on my LinkedIn.