

Nikhil Vytla

onclass.org | cnikhil.vytla@gmail.com
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EDUCATION

UNC - CHAPEL HILL

B.S. IN COMPUTER SCIENCE

B.S. IN STATISTICS AND ANALYTICS

MINOR IN ENTREPRENEURSHIP

August 2018 - May 2021 (Expected)

Chapel Hill, NC

Chancellor's Carolina Scholar

Honors Carolina

Cum. GPA: 3.9 / 4.0

Major GPA: 4.0 / 4.0

LYNBROOK HIGH SCHOOL

Grad. June 2018 | San Jose, CA

Cum. GPA: 4.37 / 4.0

LINKS

Facebook:// nvytla

Github:// Lolz1243

Devpost:// Lolz1243

LinkedIn:// nikhil-vytla

Live Projects:

MedicAi

npm-stats

COURSEWORK

UNDERGRADUATE

Completed:

Foundations of Programming

Linear Algebra

Multivariable Calculus

In Progress:

Computer Organization

Data Structures

Discrete Mathematics

SKILLS

PROGRAMMING

Experienced:

Java • Javascript • HTML5 • CSS3

Git • Ruby on Rails • Tableau

Swift/Objective C • Unity3D/C#

Proficient:

Python • Flask • Scikit-learn • Android

React.js • React Native • SQL

Currently Experimenting:

Tensorflow • C • Flutter • Node.js

Processing • R

Languages (Fluent):

English • Spanish • Telugu

EXPERIENCE

ONCLASS.ORG | Co-FOUNDER AND DIRECTOR OF OPERATIONS

March 2017 - Present | San Jose, CA

- Developed interactive website using **Javascript**, **CSS3**, and **HTML5** for 501(c)(3) K-12 educational technology nonprofit Onclass.
- Launched VR curriculum using **C#**, **Unity**, and **Google Daydream View** and implemented reading web application, online whiteboard, and video viewer with **Javascript**, increasing local child literacy rates by **70%**.
- **22,200+** unique students reached through physical and virtual tutoring partnerships with the City of San Jose and **Stanford d.school**.

HACKNC | DEVELOPMENT AND INNOVATION COMMITTEE LEAD

Aug 2018 - Present | Chapel Hill, NC

- Designed full stack web application and engineered NLP resume parser using **Flask**, **Javascript**, **CSS3**, and **HTML5** for annual 600+ person hackathon.
- Increased user engagement by **35%** via HackNC workshops, introducing first-time hackers to 360° VR hardware and app dev. in React Native.

CS+SOCIAL GOOD | TECHNOLOGY TEAM - PROJECT MANAGER

Aug 2018 - Present | Chapel Hill, NC

- Led 20-person team to develop data migration systems and visualizations with **SQL**, **Tableau**, and **Google Sheets API** for nonprofit Kay Blada Recycling, boosting engagement by **80%**.

CRIMSON | Co-FOUNDER AND COO

Nov 2015 - May 2018 | San Jose, CA

- Created and optimized iOS application using **Swift**, **Objective C**, **MongoDB**, and **IBM Bluemix** to provide elderly and visually-disabled with access to news.
- Awarded grants by AARP, DECA for international app/business plan excellence.

SELECTED PROJECTS

DEVMATCH | RUBY, JAVASCRIPT, CSS3/SASS, HTML5

Feb 2018 - Sep 2018

Built DevMatch, a responsive Software as a Service (SaaS) web app which makes use of **Rails**, **Heroku**, **Bootstrap**, **AWS**, **PostgreSQL**, and the **Stripe API** to devise a custom, multi-tier social network for developers and entrepreneurs.

MARKT | JAVA, ANDROID STUDIO

Aug 2017 - Oct 2017

Created Markt, an app utilizing **Firebase**, the **Supermarket API** and two pathfinding algorithms, **TSP** and **A***, to determine the fastest grocery store routes.

AWARDS

2018	Scholarship	Chancellor's Carolina Scholar (Full-Ride Merit-Based)
2018	Finalist	HackDuke Health and Wellness Track, Wolfram Award
2018	1 st /50	Carolina Data Challenge Health Dataset, Best Insight Award
2018	National	National AP Scholar, AP Scholar w/ Distinction
2017	National	National Merit Scholarship Finalist
2017	National	NSA Stokes Educational Scholarship Program Semifinalist