

Nikhil Narvekar

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Education

THE UNIVERSITY OF TEXAS AT DALLAS, Richardson, TX

Expected May 2023

Bachelor of Science in Computer Science (Sophomore by credit hours)

Current Semester GPA: 4.0

PLANO WEST SENIOR HIGH SCHOOL, Plano, TX

June 2020

High School Diploma

GPA: 4.35/4.0

Technical Skills

Languages : Java, Python, C++, HTML/CSS, JavaScript

Operating Systems : UNIX, Linux, Windows, MacOS

Databases : Google Firebase, SQL, MongoDB

Frameworks & Tools : React.js, Bootstrap, Django, TensorFlow, OpenCV, Google APIs

Applications : Android Studio, VS Code, Eclipse, Microsoft Office, Adobe Photoshop, Unreal Engine, Unity

Work Experience

May 2020 – September 2020

Website Developer Internship

WeMapSales - Dallas, TX (Remote)

- Worked with WordPress CMS to construct site backend/frontend
- Built custom CSS/HTML code to integrate into website UI/UX
- Encoded/Optimized site videos to achieve faster load times

June 2019 – Current

CEO/Founder

YoungBytes - Dallas, TX (Remote)

- Founded organization to teach K-12 students STEM classes
- Run and coordinate virtual classes for students during quarantine
- Built organization website and scheduling system
- Raising money for donation towards COVID-19 funds

May 2018 – August 2018

Lab Mentor/Instructor

iCode – Frisco, TX

- Taught Java, Python, robotics to K-12 students
- Created class materials/resources for iCode students to use

Projects

COVID-19 Web Contact Tracer • HTML/CSS/JS | Django/Python | Firebase

Mar. 2020 – Aug. 2020

Website which lets users check whether they have contacted anyone tested positive for COVID-19 using GPS data.

Frontend built using HTML, CSS, and vanilla JS. Backend is built with Django framework and uses Firebase for user data.

Autonomous/Driver Robot • Java | OpenCV | Android

Sep. 2019 – Mar. 2020

FTC competition robot built to perform certain tasks fully autonomously and by driver control. Used CAD to model robot and REV parts to construct it. Used Java and Android Studio to create robot programs, along with OpenCV for image detection.

Solar-Powered Drivable Vehicle • Raspberry Pi | Python

Dec. 2017 – Jul. 2018

Solar-powered car built in a team for 2018 Solar Car Challenge. Chassis built from given and manufactured parts. Created all electronic systems for car to move based on driver-control and solar-panel energy. Raspberry Pi used to create GUI for driver.

Activities/Awards

Association of Computing Machinery (ACM) UTD, Member

Aug. 2020 - Current

Artificial Intelligence Society (AIS) UTD, Member

Aug. 2020 - Current

Comet Solar Racing UTD, Member

Aug. 2020 - Current

National First Tech Challenge (FTC) Robotics, Team President, Lead Programmer

Aug. 2016 – May 2020

Solar Car Challenge 2018, Lead Electrician

Sep. 2017 – Jul. 2018

National Honors Society / Spanish National Honors Society, Member

Apr. 2018 – May 2020

Plano City Volunteering, Lead Volunteer

Jun. 2016 – May 2020

Boy Scouts, Assistant Patrol Leader

Aug. 2014 - Aug. 2018

Awards

AP Scholar (2019, 2020)

FTC Robotics Inspire Award & Innovate Award Winner (2017, 2018, 2019, 2020)

Two-time Silver Medalist in National Spanish Exam (2018, 2019)

EarthX-Hack 2019 3rd Place Winner (2019)