Nyan Prakash

☐ (315) 882-6569   ✉ nyanjprakash@gmail.com   in nyan-prakash   🌐 nyanprakash.com

Education ───────────────────────────────

Northern Virginia Community College
Associates of Engineering

- **GPA:** 3.8 of 4.0
- **Relevant Coursework:** Intro to Engineering, Object-oriented programming, Calculus 1

August 2023 - May 2027
Annandale, VA

Marshall High School
High School Diploma

- **Relevant Coursework:** IB Design tech, AP Computer Science Principles, IB Physics 2, IB Analysis and Applications

August 2021 - June 2023
Falls Church, VA

Experience ───────────────────────────────

AutoDog
Software Developer

- Developing a smart dog harness to boost efficiency of dog trainer
- Programmed sensor calibration sequence and React Native Application

December 2023 - Present

Gryphon Robotics
Programming Captain

- Led a team of 20 high school students in the fabrication of a custom robot to compete in the FIRST Robotics Competition
- Taught 10+ younger member advanced Java and how to work with different subteams

September 2021 - June 2023

Jump Robotics
Co-Founder

- Co-founded a community robotics team and built an FRC robot
- Wired and programmed control for swerve drive drivetrain

October 2019 - May 2021

Kids Teach Tech
Lead Teacher

- Joined as 2nd member of a non-profit aimed at teaching coding to underprivileged kids
- Taught basic Python, Scratch and HTML to 500+ kids across the bay area

November 2017 - May 2020

ADHD College Success
Mobile Developer

- Created a front-end app with interactive games to connect therapists with their patients
- Connected the app to a backend Firebase database to store user data

June 2022 - August 2022

Projects ───────────────────────────────

Personal Website Created my own website from scratch with React

January 2024

Multiplayer Game Built a multiplayer shooter game with Unity Game Engine and Photon Multiplayer

June 2020

Zoom Meeting Joiner Developed a Python Bot that reads excel files and joins meetings automatically

August 2020

Awards ───────────────────────────────

Presidential Volunteer Service Award - Gold Volunteered for over 100 hours in 1 year

November 2019

Phi Theta Kappa Member Received an invitation to a international honor society of students

December 2023

2nd Place in Science Fair Placed in schoolwide science fair for researching propulsion effcientency of paddle boat

March 2021

Herblock Scholarship Recipient Received scholarship for academic merit

November 2023

Activities ───────────────────────────────

Society of Physics Students Learn, Research, and dicuss physics topics

August 2023-Present

NOVA Engineering Society Create projects with fellow engineering members

August 2023-Present

Skills & Interests ───────────────────────────────

Communication   Extensive experience creating classes and public speaking
Languages   Java, Python, C#, Reactjs, and HTML
Tools   Unity Game Engine, Blender, Premiere Pro, and Photoshop
Interests   Ultimate Frisbee, Basketball, Learning, Developing Games