

Aditya Naik

22 Colonial Drive | Westford, MA 01886

120 South Street Apt 203 | West Lafayette, IN 47906

Aditya-Naik.com | Email: adityan9900@gmail.com | Phone: (978)-496-4241 | Github: adityan9900

SKILLS

- Java, C++, Git, Python, React.js, CSS, HTML, C, XHTML, JavaScript, Kotlin, R, Objective C, Flask, SQL, Express.js, Node.js
 - Experience with TensorFlow, Pytorch, OpenCV, pandas and numpy
 - Worked with Android Studio IDE, Gradle build, XCode and Agile Development
-

EDUCATION

- **Purdue University** – Bachelor's in Computer Science May 2021
Relevant Coursework: Data Structures and Algorithms, Computer Architecture (C), Systems Programming (C), Statistics (R), Probability, Data Mining (R, python), Software Engineering
-

EXPERIENCE

Undergraduate Research Assistant – Purdue University September 2019 – present

- Developed classifier to identify email tone based on contents
- Worked in a lab to analyze and identify common traits of phishing emails

Software Engineering Intern – Siemens Healthineers June 2019 – August 2019

- Worked with XCode and Objective C to debug and build an IOS application
- Outlined workflow for existing OpenCV and TensorFlow code
- Created and worked with development environment using Flask and SQL database
- Implemented code for automated unit testing of production code using python

Software Team Co-Captain – Stormgears FRC Team 5422 September 2014 – April 2018

- Co-managed team of students and selected for world championships for 4 consecutive years
 - Wrote code to control robots using Java, Kotlin and WPI CANTalon API's
 - Helped create STEAM Splash, a series of packaged engineering activities for students
 - Raised thousands of dollars through in-person corporate meetings, emails and grant applications
 - Hosted and attended community outreach events for children throughout New England
-

PROJECTS

FINEX January 2020

- Worked in a team of 6 students to create a web application to track stocks and manage a budget
- Used MERN stack and public API's to create a cohesive, polished product for the web

Adventurous Sloth– 3rd place at Boilermake VII January 2020

- Created a single application that creates a curated vacation itinerary based on user choices
- Used Node.js, Express.js, React.js and public APIs to generate list of attractions, flights and hotels

TripAdvisor Hotel Preferences Generator - Brown Datathon Finalist February 2019

- Used TensorFlow, pandas and numpy to generate hotel recommendations from user data

Aditya-Naik.com October 2018

- Developed a personal website using a combination of HTML, CSS, JavaScript and React.js

Candor – Purdue's Hello World hackathon winner September 2018

- Designed an app to give feedback on the environmental effects of companies
 - Integrated database of companies with UI elements in Android Studio
-

ACCOMPLISHMENTS

- Mathworks Math Modeling Challenge honorable mention and \$1,000 prize (2018)
- World record for fastest million meters & longest continuous row by a large team