# Aditya Naik

aditya-naik.com
github.com/adityan9900
**(978) 496-4241**
adityan9900@gmail.com

## EXPERIENCE

### Fidelity Investments, Merrimack, NH — *Software Engineering Intern*

JUNE 2020 - JULY 2020

- Integrated Keras and TensorFlow vision algorithm with existing risk management program to identify failures using Flask
- Increased automation test coverage for brokerage tools using Selenium and Cucumber

### Purdue University, West Lafayette, IN — *Research Assistant*

SEPTEMBER 2019 - MAY 2020

- Worked in lab to analyze and identify common traits of phishing emails
- Developed classifier to identify email motive based on contents using Pytorch

### Siemens, Norwood, MA — *Software Engineering Intern*

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

### Stormgears FRC, Devens, MA — *Software Team Co-Captain*

SEPTEMBER 2014 - APRIL 2018

- Co-managed team of students and selected for world championships for 4 years
- Wrote code to control robots using Java, Kotlin and WPI CANTalon API's
- Raised thousands of dollars through in-person corporate meetings, emails and grant applications

## PROJECTS

### Aditya-Naik.com

OCTOBER 2018 / MAY 2020

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

### FINEX

JANUARY 2020 - MAY 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

### Candor — *Purdue's Hello World hackathon winner*

JANUARY 2020

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

## SKILLS

**Programming Languages:** Java, C++, Python, React.js, CSS, HTML, XHTML, C, JavaScript, Kotlin, R, Objective C, SQL

**Libraries/Frameworks:** TensorFlow, Pytorch, OpenCV, Pandas, Numpy, Express.js, Node.js, Flask, Selenium, Cucumber

**Tools:** Android Studio, XCode, Agile Development, Git

## EDUCATION

### Purdue University

*B.S. in Computer Science*

MAY 2021

**Coursework:** Data Structures and Algorithms, Computer Architecture (C), Systems Programming (C), Statistics (R), Probability, Data Mining (R, python), Software Engineering

## AWARDS

**2018 Mathworks Math Modeling Challenge** honorable mention and $1,000 prize

**Concept 2** world record for fastest million meters & longest continuous row by a large team