Nikhil Thota
Developer

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github.com/nt92

EXPERIENCE

Facebook
Software Engineer Intern

Fall 2018
Seattle, WA

- Incoming intern on Messenger RT Media Team

Indiegogo
Kleiner Perkins Engineering Fellow // Software Engineer Intern

Summer 2018
San Francisco, CA

Pre Launch Pages [Angular.js, Vue.js, Ruby on Rails, D3.js]
- Created features on pre-launch page of campaigns such as data analytics tables, email sign-ups, and surveys
- Transition certain larger components such as site header to Vue.js from older angular code

Revamped Referral Tool [Vue.js, Ruby on Rails, Redshift, Redis]
- Revamped the referral tool for entrepreneurs to give them more insights into their referral programs and also provide easier generation of referral programs with a custom program modal

Kleiner Perkins
- Chosen as one of 52 engineering fellows from 3000+ applicants for Kleiner Perkin's fellows program

Drawbridge
Data Engineer Intern

Summer 2017
San Francisco, CA

Click Fraud Prevention [Java, Hadoop, Hive, Python]
- Built a system to blacklist IP addresses over a certain threshold of click-through rate to prevent fraud within the ads platform equaling around $20,000 per month

Data Pipeline [Java, Hadoop, Pig, Python]
- Created python script to aggregate log files for the ML models to be sent out daily
- Added some new attributes to the data being aggregate to improve granularity of ML models & graph

University of Florida
Teaching Assistant

Fall 2016 & Spring 2017
Gainesville, FL

COP3530 [C++]
- Served at a TA for the core undergrad CS course at UF, Data Structures and Algorithms
- Led discussion classes, held office hours, proctored/graded exams, and created homework assignments

CodePath iOS Bootcamp [Swift]
- Ran 2 hour classes twice a week with 26 students and taught basic iOS concepts while running through CodePath tutorials to learn iOS, find bugs, and provide feedback to CodePath founders for maximal experience

PROJECTS

AVIAN, *Java & Android Developer*   *Awarded NSF Grant*
- Built multithreaded JavaFX GUI application client to connect to a radio receiver with a UDP connection and interact with 10 traffic light controller + autonomous car rigs
- Multidisciplinary project through UF Cimar Lab with the purpose of optimizing traffic for autonomous vehicles through machine learning

SwampHacks, *Director of Technology*   *SwampHacks 2017*
- Managed team of 4 developers for UF's hackathon to build the website (JS), mobile apps (iOS & Android), backend (Firebase), slackbot (Python), demoing and judging (standalone webapps)
- Constructed scalable login for 500 hackers, QR scanner, calendar, announcements & push notifications

Vente, *iOS Developer*   *Winner of CodePath 2017*
- Built and tested events app to connect people through shared interests and activities

EDUCATION

University of Florida, Gainesville FL
Computer Science & Music Performance

Graduation May 2019
GPA 3.77

Universidad Carlos III, Madrid Spain
Computer Science // Engineering

Exchange Program Spring 2018

Coursework
Data Structures & Algorithms
Networking Fundamentals
Databases
Design Patterns
Operating Systems
Analysis of Algorithms
UI/UX Design

TECHNICAL SKILLS

Java
Android
Javascript, Vue.js
iOS // Swift
Hadoop, Hive, Pig, Oozie
SQL

AWARDS

Anderson Scholar: University of Florida
   highest honor
CISE & Engineering Scholarship Recipient
Gainesville Startup Weekend 2016 Winner
   awarded to IndeaVR
Best hack using emerging technology (IoT)
   awarded to Flushless at HackIllinois 2016
Best iOS application
   awarded to Vente for CodePath UF 2017

ETC.

Tuna Pasta
   podcast co-creator
ScreenTime
   CEO & co-founder
Gator Salsa Club
University Orchestra
   bassoon player
Engineering Ambassador
Association of Computer Engineers
   project manager & founding member