NIKHIL THOTA

813 – 760 – 1996 | nt92@ufl.edu
www.nikhilthota.com | github: /nt92

EDUCATION

University of Florida Gainesville, FL
B.Sc. in Computer Science Engineering, Music Minor *May 2019*
GPA: **3.77/4.0**

Universidad Carlos III de Madrid (UC3M) Madrid, Spain
College of Engineering *Jan. 2018 – May 2018*

WORK EXPERIENCE

Software Engineering Intern, *Facebook* Sep. 2018 – Nov. 2018
Seattle, Washington
- Incoming Intern

KPCB Engineering Fellow, *Indiegogo* Jun. 2018 – Aug. 2018
San Francisco, California
- Incoming Intern

Software Engineering Intern, *Drawbridge* May 2017 – Aug. 2017
San Francisco, California
- Built system to blacklist IP addresses above certain threshold of click-through rate to prevent fraud equaling $20,000 per month using custom MapReduce Java code.
- Added feature to bidding algorithm to improve granularity by 25%.
- Aggregated log files for the ML models and created unified log template in Java sent out through email daily.

PROJECTS

Java Developer, *AVIAN* Jan. 2017 – May 2017
- Built multithreaded JavaFX GUI application client to connect to a radio receiver with UDP and interact with 10 traffic light controller & autonomous car rigs.
- Multidisciplinary research project through UF CIMAR Lab with the purpose of optimizing traffic for autonomous vehicles through Machine Learning.

Director of Technology, *Swamphacks* Apr. 2016 – Jan. 2017
- Managed team of 4 developers for UF's hackathon to build website (JS), mobile apps (iOS & Android), backend (Firebase), mentorship system (Python slackbot), demoing, and judging (standalone webapps).
- Constructed scalable login system for 500 hackers including QR scanner, calendar, real-time announcements & push notifications with Firebase.

iOS Developer, *Vente* Feb. 2016 – May 2016
- Led team to make events app to connect people through shared activity interests.
- Developed in Swift and connected to Heroku server running Parse and MongoLab.

LEADERSHIP & INVOLVEMENT

- Podcast co-creator of **Tuna Pasta**
- Ambassador for **UF Engineering Ambassadors**
- Teaching Assistant at UF for **COP3530: Data Structures and Algorithms**
- Project Manager for **Association of Computer Engineers**
- Student Leader for **CodePath University**
- Salsero with the **Gator Salsa Club**
- Principal Bassoon player in **UF Symphony Orchestra**

AWARDS

University of Florida
- Anderson Scholar
- CISE Undergraduate Scholarship Recipient
- College of Engineering Scholarship Recipient

Gainesville Startup Weekend
- **IndeaVR**: 1st Place

HackIllinois 2016
- **FlushLess**: Best hack using emerging technology (IoT)

UF CodePath University
- **Vente**: 1st Place University of Florida CodePath University Demo

SKILLS

Languages/Framework
Java
Hive/Pig
Android
iOS/Swift
Python
SQL
HTML/CSS
Javascript

Tools
Hadoop & MapReduce
Oozie
Git
Agile/Scrum

COURSEWORK

Linear Algebra
Data Structures & Algorithms
Databases
Design Patterns
Software Engineering
Operating Systems
Analysis of Algorithms
UI/UX Design