

# NIKHIL THOTA

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

## EDUCATION

### University of Florida

B.Sc. in Computer Science Engineering, Music Minor  
GPA: 3.79/4.0

Gainesville, FL  
May 2019

## WORK EXPERIENCE

**Software Engineering Intern, Drawbridge**  
San Francisco, California

May 2017 – Aug. 2017

- Built system to blacklist IP addresses with certain thresholds of click-through rate to prevent fraud equaling \$20,000 per month.
- Improved granularity of advertisement bidding algorithms.

**Teaching Assistant, University of Florida**

Aug. 2016 – Dec. 2016

- Served as a TA for COP3530: Data Structures and Algorithms.
- Formulated unique exercises to address student concerns, graded assignments, held office hours, taught weekly discussion sections.

**Software Engineering Intern, Ultimate Software**  
Weston, Florida

May 2016 – Aug. 2016

- Developed features and worked on deployment pipeline on a production team.
- Created internal tool in Node.js for team of 30 developers to stay ahead of merge conflicts and saved 10 minutes on average per merge.

## PROJECTS

**Java Developer, AVIAN**

Jan. 2017 – May 2017

- Created 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.

**Android and iOS Developer, SwampHacks**

Apr. 2016 – Jan. 2017

- Created applications for SwampHacks day-of logistics and Swampcup events.
- Built 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 different categories.
- Developed in Swift and connected to Heroku server running Parse and MongoDB.

## LEADERSHIP & INVOLVEMENT

- Ambassador for **UF Engineering Ambassadors**
- Director of Technology for **SwampHacks**
- 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: 1<sup>st</sup> Place

### HackIllinois 2016

- FlushLess: Best hack using emerging technology (IoT)

### UF CodePath University

- Vente: 1<sup>st</sup> Place University of Florida CodePath University Demo

## SKILLS

### Languages/Framework

Java  
Android  
iOS/Swift  
Python  
C++  
SQL  
HTML/CSS  
Javascript

### Tools

Hadoop & MapReduce  
Git  
Agile/Scrum

## COURSEWORK

Linear Algebra  
Data Structures & Algorithms  
Databases  
Design Patterns  
Intro to Software Engineering  
Operating Systems  
Analysis of Algorithms