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   *Dec. 2018*
GPA: **3.79/4.0**

WORK EXPERIENCE

Software Engineering Intern, *Drawbridge*   May 2017 – Aug. 2017
San Francisco, California
- Point 1
- Point 2
- Point 3

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*   May 2016 – Aug. 2016
Weston, Florida
- 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 MongoLab.

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

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
Android
iOS/Swift
C++
SQL
HTML/CSS
Javascript/AngularJS
NodeJS

Tools
Git
Jira
Visual Studio
Agile/Scrum

COURSEWORK

Digital Logic
Discrete Structures
Linear Algebra
Data Structures & Algorithms
Computer Organization
Databases
Design Patterns
Intro to Software Engineering
Operating Systems
Analysis of Algorithms