

Bhaveek D. Desai


bhaveekdesai@gmail.com

+1 (352) 281-3722

EDUCATION

- Masters - Computer Science, **University of Florida** (May '17)
- Bachelors - Information Technology, **University of Mumbai**, India (May '12)

WORK EXPERIENCE

- **Graduate Researcher**, for Dr. Juan Gilbert & Dr. Kyla McMullen
HCC at University of Florida - Gainesville, Florida (**May '16 - April '17**)
 - **BCI-Drums**: Playing drums with your mind! <https://youtu.be/Yg1Eb9W6mA>
 - **Mindtrack**: Reading emotions and playing music! <https://youtu.be/t40qKexkKeQ> 
 - **Brain-Drone Race**: Racing drones with the mind!
 - **BrainWords**: Using brain signals to authenticate
 - **Pair Programming**: Compared pair programming platforms using behavioral & sentiment analysis, and affective computing on captured user study data (text, code & video)
- **Systems Engineer**, Infosys Limited - Bangalore, India (**April '13 - June '15**)
 - Application development & maintenance
 - Automation scripts for monitoring tasks
 - Technology: **Java, Shell Scripts, Struts, SQL**

PROJECTS (<https://github.com/bhaveekdesai>)

- **MuSense**: Brain sensing meditation app using **Python** and **MATLAB**
- **Facebook API** with end-to-end encryption in **Scala** and **Spray**
- **Beacon Tuner**: An **Android** application for improved information discovery (**Google sponsored**)
- **ONE.UF**: notification module for University's student portal using **wireframes** and **prototypes**
- **Sensor Grid Networking Simulation** using Gossip/Push-Sum algorithm in **Scala**
- **Bitcoin Mining** using **Akka** actor implementation in **Scala**
- **RedDrop**: A platform connecting donors, blood banks and recipients using **PHP & MySQL**
- **OneJain**: A private ubiquitous Record Management System for a local NGO using **LAMP**

COMPETENCIES



WEB PRESENCE

LinkedIn 

(<https://www.linkedin.com/in/bhaveekdesai/>)

GitHub 

(<https://github.com/bhaveekdesai>)