

## NIRANJAN RAVICHANDRAN

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### Education:

- **Master of Science (Computer Science)** Aug 2015 – Dec 2016  
University of North Carolina at Charlotte - GPA 3.86
- **Bachelor of Technology (Information Technology)** Aug 2009 – May 2013  
Anna University - CGPA 8.0

### Technical Skills:

- **Languages:** C, Java, Swift, HTML5, CSS3, SASS, JavaScript, XQuery, SQL, Python and node.js
- **Tools:** Xcode, Eclipse, Sketch, Oracle Service Bus, Workshop and Unity 3D
- **Frameworks:** Alamofire, Core data, Realm and Fabric

### Work Experience

- **UNC Charlotte – Graduate Research Assistant** Oct 2015 - Present  
Building native iOS applications to aid research in the field of health care. Replacing traditional intervention/counselling methods by mobile phones.
- **Allscripts – iOS Engineer Intern** June 2016 – Aug 2016  
Ported EHR application to iPad. Ensured the performance, quality and responsiveness of the application. Collaborated with the team to define, design and ship new features.
- **Adavers.com – Software Engineer** Feb 2015 – Aug 2015  
Driving the design and formulating the architecture, implementation, system integration and testing for iOS and web applications.
- **NTT DATA – Software Engineer** Jan 2014 – Jan 2015  
Responsible for couple of code releases; Involves new branch creation, testing, *firefighting and bug tracking (Telecom Domain)*.

### Projects:

- **Smart Home System** April 2013  
A Smart Home system to bring ease of control over two state electrical appliances for disabled people through mobile phones. *Languages: Objective C, PHP and Python*
- **Auto Meter plus** Dec 2013  
An iOS Application to provide information on current fares and calculate the fare for distance travelled in an auto rickshaw in India.  
*Language: Objective C*
- **Mauritius Explored & Mauritius Attractions** June 2015, May 2016  
A photo based iOS application to guide tourists to explore beaches, mountains and more in Mauritius.  
*Languages: Swift, JavaScript, Python*
- **mHealth – UNC Charlotte** Oct 2015 – May 2016  
A mobile application to guide students to have a safer drinking experience with an attempt to replace traditional counselling and face-to-face motivational intervention methods.  
*Language: Swift*
- **Pro EHR Mobile – Allscripts** June 2016 – Aug 2016  
An iOS app for healthcare providers to remotely control their Allscripts EHR from any location.  
*Language: Swift*
- **Care Guide – UNCC** Present  
A video based iOS app for Veterans to help them get through day-to-day activities by learning through videos.  
*Language: Swift, node.js*