

SIDDESH PILLAI

Portfolio: <http://sidd4698.github.io/>

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EXPERIENCE

- Student Ambassador, Mozilla Firefox** Jul, 2015 – Present
Orchestrating the Fox Yeah campaign to reach out students globally.
- Software Engineer Intern (DevOps), Intuit Inc.** May, 2015 – Present
Implemented procedures for architecture of scalable system to support the backend services incorporating SNS & SQS (AWS). Writing sanity test, deploy micro-services, writing continuous integration tasks (Jenkins) for the continuous deployment and delivery of the services.
- Student Ambassador, Esri Inc.** Jan, 2015 – May 2015
Part of global student ambassador network. Spreading the word about exciting things happening at Esri. Assisting the fellow students at the career fair.
- Software Products Android Runtime & Qt Intern, Esri Inc.** May, 2014 – Dec, 2014
Implemented new features and refactored the UI and backend elements for Android & Qt ArcGIS SDK which are based on GIS providing solutions for location based services and interactive maps.
- Android Developer & Co-Founder, ISL App** (<http://goo.gl/pzqCe8>) Sept, 2014 – Present
Conceptualized, designed, developed and deployed an app for Indian Super League, a soccer league in India.

EDUCATION

- M.S, Computer Science** - Rochester Institute of Technology, Rochester NY, USA Aug, 2013 – Present
- B.E, Computer Science** - Anna University, India, 2011

PROJECTS (other contributions - <https://github.com/sidd4698>)

- YA^2 (Winner, Best Overall Journey through the NEXT Loop at Intuit Intern Summit)** Jul, 2015
Applying the Lean Start IN principles to come up with a prototype on how to achieve financial independence among young Americans.
- Fly Beacon (TechCrunch Disrupt Hackathon - <http://devpost.com/software/fly-beacon>)** May 2015
- Smart Shuffle Stack (Winner at Brick Hack Hackathon - <http://devpost.com/software/shufflestack>)** Apr, 2015
- NaviTag (RIT iOS Challenge hosted by Apple Inc. – <http://devpost.com/software/navitag>)** Feb, 2015
- Grubstake! (University Mobile Challenge – World Group Stage)** Jan, 2015
Lead, Idea, design & development - An android application in the health & fitness categories which keeps the track your grub and recommends diet based on needs. Submitted to Applied Innovation Institute's UC Berkeley's Entrepreneur Cell – University Mobile Challenge 2015. Link: <http://grubstake.in/>
- ArcGIS Runtime Toolkit (open source contributions - <https://github.com/Esri/arcgis-runtime-toolkit-qt>)** Oct, 2014
- Maps App (open source contributions - <https://github.com/Esri/maps-app-android>)** Jul, 2014
- Flight Simulator Model (Academic)** Mar, 2014
Predict the flight delay using machine-learning techniques. Data Management using MySQL, data cleaning using Java, web representations using PHP and scripting in Python.

- **Pool a Car (University Mobile Challenge – Semi-finalist, World Top 30)** **Jan, 2014**
Concept, design and development - Web/Mobile (android) prototype for effective carpooling using location based API's submitted to Applied Innovation Institute's UC Berkeley's Entrepreneur Cell University Mobile Challenge 2014.
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TECH STACK

- Languages: JAVA (SE, EE- JPA, JMS, EJB, CDI), C++, Swift, Python, Qml, JavaScript, XML, R.
 - Databases: Dynamo DB, MySQL, SQLite, Mongo DB.
 - Servers: JBoss, LAMP, WAMP.
 - Tools: IntelliJ, Eclipse, Android Studio, X-Code, Visual Studio, Qt Creator, Net beans, iPython, Perforce.
 - Native App Development: Android, Windows, Ubuntu, Mac OS, iOS.
 - Technologies: Parse, AWS (SNS, SQS, Dynamo DB, EC2), Git, Maven, Chef, Jenkins.
 - Sensor Interfaces: Myo, Raspberry Pi.
 - Wearables: Android Wear, Pebble Watch.
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ACHIEVEMENTS

- Winner, Intuit Intern Summit – Best Overall Journey through NEXT Loop, 2015.
 - Winner, Brick Hack – Best Android Hack by Google, 2015.
 - Runner Up, Intel's Connect and Enrich Android Challenge, 2015.
 - World Group Stage – University Mobile Challenge by Applied Innovation Institute at UC Berkeley, 2015.
 - World Semi-Finalist – University Mobile Challenge by Applied Innovation Institute at UC Berkeley, 2014.
 - Best Emerging Engineer, 2009.
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SOCIAL

- Linguistic Competency: English, Hindi, Tamil, Malayalam, Marathi, Spanish (Basic), Italian (Basic).
- Interest: Internet of things, Wearable, GIS, Virtual Reality.
- Outdoors: Soccer, Tennis.