

# SANJANA P. DODLEY

## EXPERIENCE

### CISCO SYSTEMS San Jose, CA — Software Engineering Intern

June 2016 - August 2016 <https://web.ciscospark.com/>

Worked on Cisco's CCMP (Cloud Collaboration Management Portal) - the cloud based Core Management Tool for Cisco's major collaborative products such as Telepresence, Spark and Webex.

- Worked on API development utilizing **Java**, **Spring** Framework and **REST** practices. (Testing with **Mockito**)
- Used **AngularJS**, **Node** and **Express** to make featurttes on main website. (Testing with **Jasmine** and **Karma**)
- Continuous deployment on **Cloud** under **Agile** Work Flow

### MERCEDES BENZ R&D Montvale, NJ — Engineering Intern

October 2015 - January 2016 <http://www.mercedes-benz-mobile.com/>

Created tests and validated Mercedes bluetooth software on various phones with several telematic systems.

- Used **Python** to develop tests for different phones based on their UX and carrier.
- Updated official Mercedes **website** with Bluetooth IOT information for Mercedes Users.

## EDUCATION

### Rutgers University, *B.S. Computer Science*

September 2013 - May 2017, New Brunswick, NJ

#### RELEVANT COURSEWORK:

Computer Architecture, Systems Programming, Databases, Data Structures, Algorithm Design, Discrete Mathematics, Software Methodology, Operating Systems, Distributed Systems, Brain-Inspired Computing

## SELECTED PROJECTS

### PARABOLE Research

<http://www.mindparabole.com/>

Worked on an advanced knowledge analytics platform, containing more than 100 different business models, that utilizes **ontology** concepts to stimulate human thought processes to assist banks in making managerial decisions.

- Queried data and analyzed correlations between different financial models using **Sparql** and **Topbraid Composer**.

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[www.github.com/saprido](http://www.github.com/saprido)

## SELECTED SKILLS:

### Object Oriented:

Core Java,  
Python

### System Programming:

C

### Web Dev [Front]:

HTML5, CSS3, SCSS,  
JavaScript, WordPress

### Web Dev [Back]:

Python

### Databases:

MySQL, MongoDB, Sparql

### Environments:

Eclipse, IntelliJ,  
Android Studio,  
Xcode, Sublime,  
MySQL- Workbench,  
TopBraid Composer

### Version Control:

Github/Git,  
SourceTree,  
BitBucket

## LANGUAGES

(Native Proficiency)

English, Hindi, Telugu.