

## Harsha Dantuluri

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### EDUCATION

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**University of Illinois – Urbana Champaign** 2016-2018

**Rutgers University – New Brunswick** 2018-2020 (Dec.)

Seeking B.S. in Computer Engineering (ECE)

#### **Relevant Technical Coursework:**

Digital Logic Design, Electronic Devices, Linear Systems and Signals, Digital Electronics, Intro to Electronics/Computing, Principles of Electrical Engineering, Principles of Communication Systems, Data Structures (Java), Algorithms (C++/Java), Computer Architecture, Software Engineering, Computer Systems (multi-core architectures)

### SKILLS

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**Languages:** Java, Python, C, C++, MATLAB, SQL

**Tools/Technologies:** Git, OpenCV, PostgreSQL, Amazon Web Services (AWS), Visual Studio, Android Studio, Arduino, Raspberry-Pi, Intel Edison, Microsoft Office

### PROJECTS

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#### **QuikPark** (2019-20 Senior Project, Adviser: Professor Roy Yates):

Create a system that can use image/video recognition to keep track of occupied and unoccupied spots in a parking lot. Then, use this data to help students find optimal parking spots in a fast and efficient manner. This project work consisted of front and back-end app development, image/video recognition, AWS tools and multiple Raspberry Pi's.

#### **Drip N' Dash:**

A system built to aid Rutgers students get their laundry done through a mobile app. The app allows students to request their laundry to get picked up (also by students), get washed and get delivered back to them. Software Used: Android Studio, Firebase

#### **NewsTrends (In Progress):**

Use Twitter API, "Tweepy", to capture the latest twitter trends in the US and display relevant news articles using "NewsAPI". This project is currently being built using a web framework called Django and a database management system called PostgreSQL.

For more information on projects: [www.github.com/theharshad](https://www.github.com/theharshad)