

# Manideep Reddy Gillela

70 Lincoln Street, Apt 2, Jersey City, NJ, 07307 | 551.227.5351 | [mgillela@stevens.edu](mailto:mgillela@stevens.edu) | [LinkedIn](#) | [Github](#)

## Objective

To obtain a full-time position in the field of Information Technology.

## EDUCATION

### Stevens Institute of Technology, Hoboken, NJ

Expected May 2019

Master of Science in Computer Engineering | GPA: 3.43

**Coursework:** Engineering Programming in Python & Java, Web Analytics, Digital Systems and Computer Architecture, Real-time Embedded Systems, Pattern Recognition & Classification, Computer Organization and Programming, Data Warehousing & BI

### Osmania University, Hyderabad, India

May 2017

Bachelor of Engineering in Electronics and Communication Engineering | GPA: 4.00

## TECHNICAL SKILLS

**Programming:** Java, SQL, Python

**Databases and Tools:** MySQL, Eclipse IDE, IntelliJ, Apache Tomcat, Microsoft Office, GIT, Wireshark

**Web Technologies:** HTML, CSS, Bootstrap, JavaScript, JSON, jQuery, NodeJS, AngularJS, MongoDB

**Platforms & OS:** Linux, Amazon Linux Machine, Windows, Mac, Amazon Web Services

## CERTIFICATIONS

- AWS Certified Solutions Architect Associate, 2018
- AWS Certified Developer Associate, 2018.

## EXPERIENCE

### Systech International, Princeton, NJ

June 2018 – August 2018

#### Global Services, IT Intern

- Re-designed Sharepoint based scheduler application for large chain of events using responsive UI features
- Improved application efficiency by 65%, utilized Day Pilot scheduler in AngularJS
- Built mobile application enabling field engineers to update Sharepoint database using Microsoft PowerApps
- Automated time-consuming reporting processes using Microsoft Infopath forms

### Electronics Corporation of India Limited (ECIL), Hyderabad, India

June 2015 – August 2015

#### Summer Intern

- Developed IOT based gesture control robot using Arduino microcontroller board and C/C++
- Utilized MPU accelerometer for collecting data regarding hand movements

## ACADEMIC PROJECTS

### Stevens Institute of Technology, Hoboken, NJ

#### Yelpcamp

July 2018 – Present

**Technologies:** HTML5, CSS3, Javascript, Bootstrap, jQuery, NodeJS, ExpressJS, REST, MongoDB, AWS, GIT

- Create full stack NodeJS project which allows users to create, update campground information
- Style the campgrounds page and reviewed the RESTful routes

#### Implementation of Genetic Algorithm

Spring 2017

- Implemented a genetic algorithm to evolve target string based on natural selection by itself using object-oriented programming
- Built general purpose modules for genetic algorithm
- Wrote different classes for algorithm, individual and population including various methods

#### Robot Boat

Fall 2017

- Employed Java to generate a simulation boat to calculate the latitudes and longitudes between user specified points
- Designed a virtual boat consisting various components using Java swing and abstract window tool kit (AWT)
- Implemented a graphical user interface (GUI) to simulate the boat

### Osmania University, Hyderabad, India

#### Content Based Image Retrieval Using Colour Histogram and Haar Transform

January 2017 – May 2017

- Enhanced the accuracy and efficiency of retrieving and managing the data of an image retrieval technique to retrieve images
- Implemented the technique to increase the accuracy of retrieval system
- Reduced the processing time to retrieve images using lifting scheme

Available May 2019.