1-551-655-3844 Jersey City, NJ 07307 <u>srane3@stevens.edu</u>

EDUCATION: Stevens Institute of Technology, Hoboken, NJ

Master of Science in Computer Science (GPA: 3.5)

Expected May 2021

Courses: Data Structures, Human Computer Interaction, Machine Learning, Database Management System, Agile Software Development, Web Programming, Fund. Of Cyber Security

Atharva College of Engineering, Mumbai University, India

May 2019

Bachelor of Engineering in Computer Engineering (GPA: 8.5)

SKILLS: Programming Languages: Java, C#, HTML, CSS, JavaScript, Node JS, XML

Software Tools: GitHub, IBM Watson, UiPath, IntelliJ IDEA, Eclipse, Android Studio, OpenCV

Database Systems: SQL, MySQL, MongoDB, Excel, PostgreSQL

Soft Skills: Problem Solving, Critical Thinking, Good Communication, Team Player, Leadership

Certifications: Agile Software Development (LinkedIn Learning)

Web Developer Course (Udemy)
RPA Starter (UiPath Official Website)

EXPERIENCE: ICT Infratech, Mumbai, India

June 2018 - Aug 2018

# Software Developer Intern

- Developed Media Player to stream audio/video content on devices with company's own routers
- Used power of Optical Character Recognition and designed application to detect handwritten notes and convert into digital notes to store and share across network
- Estimated proposal for line following robot for warehouse management for 60 KG and 200 KG
- Researched on Bluetooth beacons technology for school and commute attendance system

#### **ACADEMIC PROJECTS:**

#### Currency Converter using UiPath Studio, Stevens Institute of Technology, Hoboken, NJ

- Devised a workflow of conversion for product's value in various currencies to latest US dollar rate
- Input is extracted from an Excel sheet and current dollar rate is fetched from internet via browser
- Formulated conversion formula to process input data and results are written in a new excel sheet

#### Uncovered Media, Stevens Institute of Technology, Hoboken, NJ

Fall 2019

Spring 2019

- Created a web based platform to share about local and more value adding news / events in surroundings as well as events creating global impact
- Devised web pages in HTML, CSS and Bootstrap holding core UI/UX design of project
- Constructed database in MongoDB executing required queries with promises in Node JS
- Integrated Google MAP's API and Google CAPTCHA API

### OCR for Visually Impaired, Mumbai University, Mumbai, India

Spring 2019

- Built a stand-alone project to come up with a solution for visually impaired, resolving communication and disability of fluency to interact with surrounding environment
- Implemented technologies such as Google Mobile Vision, NLP, OCR, Text to Speech, Face and Object Detection using OpenCV and Python to complete project

## Chess in Virtual Reality using Unity3D and Blender, Mumbai University, Mumbai, India Spring 2019

- Led team of 5 with Feature Driven Development approach to achieve goal with 43% cost reduction and 80% acceptance rate
- Encouraged youth towards more brain development games with advantages such as memory formation and cognitive skills, aggression control, reduce stress and boost immune system

PUBLICATIONS:

Published research paper on Bus Tracking System in IOSR Conference

May 2018

IOSRJEN [ISSN (e): 2250-3021, ISSN (p): 2278-8719, Volume 15, PP 01-04]

Published research paper on Underwater Pick and Place Arm in IOSR Conference

May 2018

IOSRJEN [ISSN (e): 2250-3021, ISSN (p): 2278-8719, Volume 15, PP 32-37]

EXTRACURRICULAR ACTIVITIES:

**Committee Chair** - Indian Graduate Student Association, **Member** of Developers Student Club **Chief Event Coordinator** and **Assistant Publicity Head** of IEEE Student Chapter

Volunteered with NGOs, Completed Military Training Course from Bhonsala Military School