Saurabh Vilas Mane

San Jose, CA, 95112 +1(669)225-9933 saurbh.mane@sjsu.edu
https://www.linkedin.com/in/saurabhmane https://github.com/Saurabhm987

SUMMARY: Actively seeking summer 2019 internship/Co-Op opportunity as a Software Engineer.

EDUCATION:

Master of Science in Computer Engineering.
San Jose State University, San Jose, CA.
Courses: *Data Structures and Algorithm- C++, Digital Design and Microprocessor, Wireless Embedded Architecture.*

Bachelor of Engineering in Electronics Engineering. GPA: 3.72
Shivaji University, India.
Courses: *Computer Architecture and Operating System, Embedded System Design, Image Processing, Computer Networks, Wireless Communication Networks, Control System Engineering.*

SKILLS:

Programming Skills: C++, C, Python, Linux, Java, JavaScript, SQL.
Web Technologies: REST API, HTML, CSS, Bootstrap.
Tools: Keil, LabView, Proteus, MATLAB, OrCAD, Xilinx, Multisim.

PROFESSIONAL EXPERIENCE:

Automation Engineering Intern: Samruddhi Automation Engineering, India. **June 2017-Nov 2017**
- Programmed robot for industrial automation to perform pick and place operations using vision assistance.
- Improved tracking of an object for picking with precise placing location.

ARM University Embedded System Design and Programming Intern: EduVance,India **Dec 2015-Jan 2016**
- Developed wireless graphical data acquisition model using nRF module.
- Designed wireless air mouse for gaming console on KL25Z platform.

PROJECTS:

Automated Guided Vehicle: Shivaji University (Python) **June 2016 to April 2017**
- Designed and Implemented Automated Guided Vehicle to work in warehouse to reduce labor work.
- Lessened tracking time of an object with the help of Raspberry Pi camera module.

Gesture Control Robot: (C) **Jan 2016 to Feb 2016**
- Built a Gesture Control Robot to help physical challenged people to navigate around space.
- Achieved 95% accuracy and minimum response time by using KL25Z programming board.

Phototrophic/Photophobic Robot: (C) **Sept 2016 to Dec 2016**
- Built Phototrophic/Photophobic Robot which attract/avoid light depending on requirement.
- Implemented on self-solar charging technology so that it traces sun and follows in the direction of light.