RAGU (RAGHAVENDRA) MANJEGOWDA

Experienced Embedded Systems and System Software developer with strong background in Operating Systems.

💻 EXPERIENCE

Senior System Software Engineer
Nvidia Corporation   📍 Santa Clara, CA

- Implement robust and efficient sensor interfaces (LiDAR, RADAR, GPS, IMU) as a middleware compon.

Sept 2018 | Present

Senior Embedded Software Engineer
Samsung Semiconductor   📍 San Jose, CA

- Research concentrated on disruptive technologies that are relevant to the Autonomous and Self-Driving Cars. Developed middle-ware core such as Sensor (RADAR, GPS, IMU, LiDAR) Interfaces.

Sept 2016 | Sept 2018

Intern, Embedded Software and Internet of Things (R&D)
Hitachi America, Ltd.   📍 Santa Clara, CA

- Research on localization of sensors in IoT devices to develop solutions for next generation of intelligent machines that talk to each other in a reliable and secure manner.

Jan 2016 | Sept 2016

Intern, Embedded Software Development
ICM Controls   📍 Syracuse, NY

- Create embedded software and drivers for HVAC devices.
- Verify driver following structured test plan; debug and demonstrate firmware on sample boards.

Aug 2015 | Dec 2015

Embedded Software Development Engineer
L&T IES   📍 Bangalore, India

- Software development of calibrating device for Peripheral capillary Oxygen Saturation detector
- Embedded software development for peripherals of various bio-medical devices which include LCD, EEPROM, ADC etc..,

Aug 2011 | Mar 2014

🎓 EDUCATION

Syracuse University
Master's Degree, Computer Engineering   📍 Syracuse, NY

2014 | 2016

Visvesvaraya Technological University
Bachelor's Degree, Electronics and Communications Engineering
📍 Bangalore, India

2007 | 2014

CONTACT INFO

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SKILLS

Embedded Systems and System Software Development

Sensors Interface development for Autonomous Vehicles, Sensor Fusion

C++, C, Python

*This resume was made with the R package **pagedown**.*

Last updated on 2020-06-13.

PROJECTS

2015
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Present

Vivitsa
An Operating system written from Scratch
• Linux like minimal kernel
• Github repo