**Pragadeesh Suresh Babu**

1191 Boylston Street, Unit 21, Boston, MA 02215

[sureshbabu.p@husky.neu.edu](mailto:sureshbabu.p@husky.neu.edu)

Contact: 857 413 9615

**Summary**

Looking for an **Internship** or Co-op position for **July-Dec 2018**.

**Education**

**Northeastern University**, Boston, Massachusetts

Candidate for Master of Science in **Electrical and Computer Engineering** *Expected December 2019*

GPA-3.11/4

**Courses**: Linear System Analysis, Analog Integrated Circuit Design, Classical Control Systems, VLSI

**National Institute of Technology**, Tiruchirappalli, Tamil Nadu

Bachelor of Technology in **Instrumentation and Control Engineering** *Graduated March 2017*

GPA-7.98/10

**Courses**: Computer Networks, Analog and DigitalElectronics, Signals and Systems, Linear Integrated Circuits, Financial Management.

**Technical Skills**

Computer Languages: C/C++, Python, Java, SQL.

Computer Tools: Microsoft Office Suite.

Operating System: Windows, Linux.

**Certification-**

**Harvard Business School**, Boston, Massachusetts

*HBX CORe (Credential of Readiness) September 2017-March 2018*

* Certificate program on the fundamentals of business from Harvard Business School.
* CORe is comprised of three courses - Business Analytics, Economics for Managers, and Financial Accounting – developed by leading Harvard Business School faculty and delivered in an active learning environment based on the HBS signature case-based learning model.

**Project Experience**

**Northeastern University**, Boston, Massachusetts

*Circuit Analysis of 741 Opamp October 2017- December 2017*

* Used Cadence tool to perform theoretical AC and DC analysis and determined quiescent currents and voltages using small signal analysis.
* Estimated input offset voltage and current and simulated the results using HPSICE.

**Indian Institute of Science,** Bengaluru, Karnataka

*Summer Research Intern*  *May 2016 - July 2016*

* Lead a team of 5 to use radial basis and particle swarm optimization algorithms.
* Developed an accurate quadcopter model for optimum flight path.

**National Institute of Technology**, Tiruchirappalli, Tamil Nadu

*Car Safety System* *November 2015 – March 2016*

* Built a drowsiness detection using average blink frequency of a human and the average duration of blink.
* Used machine learning algorithm (multinomial ridge regression) to detect facial features.

**Indian Institute of Technology**, Chennai, Tamil Nadu

*Research Intern* November 2015 - December 2015

* Built a prototype to compare reflectivity of different materials at various angles.

**Extracurriculars**

* Finance Committee member and Senator in the Graduate Student Government at Northeastern University, Boston.
* Marketing Committee head of the Entrepreneurship Club at National Institute of Technology, India.