

Amlesh Kashyap

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Education

2015 **National Institute of Technology, Patna, Bihar, Bachelors of Technology in Computer Science and Engineering - CGPA: 7.77/10.**

Experience

Jun,2015– **Research/Project Assistant**, *Indian Institute of Science*, Bangalore, Karnataka.
Present Mentor : Dr Sathish Vadhiyar
Jun,2016– **Summer Student**, *Microsoft Research*, Bangalore, Karnataka.
Jun,2016 Summer School on IoT
May,2014– **Summer Intern**, *Indian Institute of Science*, Bangalore, Karnataka.
Jul,2014 Mentor : Dr Gaurav Tomar

Selected Projects

June, 2016 - **Hybrid Executions of the radiation routines in CAM5 - Evaluating asynchronous executions, proportional partitioning and pipeline executions.**
Present Manuscript in Preparation, Mentor: Dr Vadhiyar
Oct, 2016 - **G-Charm - An Adaptive Runtime System for Message-Driven Parallel Applications on Hybrid Systems..**
Present As Research Assistant, Mentor: Dr Vadhiyar
Jun, 2015 - **Asynchronous and Synchronous Models of Execution for High Performance of Long-wave Radiation Routine in Community Earth System Model.**
Jul 2016 Manuscript in review, in **Journal Of Parallel and Distributed Computing**, Mentor: Dr Vadhiyar
Feb,2015 - **Encrypted File Transfer.**
May,2015 Undergraduate Project, Mentor: Dr Akshay Deepak
May,2014 - **Heat Equation Solver and its Parallelization.**
Jul,2014 Summer Internship, Mentor: Dr Gaurav Tomar

Skills

Languages C/C++, Fortran, Java, Python, MPI, OpenMP, CUDA, R, Charm++
DB, Web MySQL, Oracle, HTML, CSS, Javascript
Script Bash
Mobile Android
Tools Eclipse, Git, Netbeans, GNU Octave, GNU Plot, GNU Visit, HPC Toolkit, Intel VTune Amplifier, Microsoft Visual Studio, OpenCV, Vim, LiQUiD, Plotly
Typesetting LaTeX