



Ganesh Kamath

Software Development Engineer specializing in Platform power-management technology tools



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Skills & Competences

Platform Power Management



Coding (Python, C++, C, Java)



Scripting (JS, Batch, Bash)



Languages

- English
- Konkani
- Kannada
- Hindi

Interests

Programming | Basketball |
Community Volunteering |
Presentation and Demo |
User Experience (UX)

Work Experience

- 03/2016 - Present
Software Development Engineer
Windows Driver Team, Intel
 - Development of Intel® eXtreme Tuning Utility (XTU), to enable overclocking and performance tuning
- 06/2013 - 03/2016
Software Development Engineer
Software Tools Team, Intel
 - Gained expertise in ACPI and developed a tool to evaluate ACPI control methods from Windows OS
 - Gained expertise in platform power management and developed various System Profiling and System Analyzing tools that identify power consumption activities from different platform components
 - Developed EFI BIOS tools to measure battery parameters as well as tool to alter Power and Performance Registers
- 06/2012 - 06/2013
Intern
Automation Team, Intel
 - Developed a tool for automated end to end client system provisioning and a remote test execution framework to execute system validation test cases
 - Developed web-based Python Script Generator to enable generation of scripts for system level test cases
- 11/2008 - 01/2009
Intern
Aerospace Department, Indian Institute of Science (IISc)
 - Wavelet Based Analysis of non-periodic signals using wavelet tool-box of MATLAB to analyze Shock-wave data

Education

- 08/2011 - 04/2015
MS in Embedded and Wireless Technology
School of Information Sciences (SOIS), Manipal University
 - Secured University Gold Medal for the MS degree (2011-2013)
 - CGPA 9.94 (on 10)
 - Secured Manipal University Scholarship
 - Published 2 papers in IJCA
- 08/2007 - 05/2011
B. Tech in Electronics and Communication
Amrita School of Engineering, Amrita University
 - Project - "Design of MEMS based pressure sensors", IISc
 - CGPA - 7.6 (on 10)

Achievements & Certificates

- Poster presentation at Software Professional Conference, Intel
 - Device Emulation Through ACPI Override Mechanism
- Technical Expert in Intel Education Service Corps (IESC), 2015
 - "47 in 1 Project", enabled 2 schools in Kenya with Computer training
- Demoed Intel(R) Edison Board, 2015, Bangalore
 - 28th International Conference on VLSI Design; 14th International Conference on Embedded Systems
- Demoed Intel(R) RealSense Technology, 2016, Kolkata - Secured Best Booth Award
 - 29th International Conference on VLSI Design; 15th International Conference on Embedded Systems
- Member of Intel IoT (Internet of Things) Makers Group, Bangalore
 - Organizer at Events: Intel IoT Roadshow Hackathon, GDG Hackathon, GDG UX Masterclasses, GCP Next
- One of the top 50 community volunteers from Intel India, 2012, 2015
- USB Device Drivers Paper Presentation and Workshop, Manipal
- Runner-up in Cadence Basketball Tournament, 2014