Nabhiraj Jain

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Github : https://github.com/nabhiraj

EDUCATION

International Institute of Information Technology, Hyderabad
Master of Technology (M. Tech), Computer Science and Engineering(CSE)
2019 - Present   CGPA: N/A

Oriental Institute of Science and Technology, Bhopal
Bachelor of Engineering (B.E), Computer Science and Engineering(CSE)
2014 - 2018   CGPA: 7.68

St. Xavier's Sr. Sec. Co-ed School, Bhopal
Class XII (Senior Secondary Examination), CBSE
July 2013-2014   Aggregate 76.8%

St. Xavier's Sr. Sec. Co-ed School, Bhopal
Class X (Higher Secondary Examination), CBSE
July 2011-2012   CGPA 8

TECHNICAL SKILLS

Languages : C, C++.
Tools/Framework : Champsim, Gem5(basic level).
General : Data Structures, Algorithm, Operating System, Computer Architecture.

PROJECTS

Academic Project: MESI and MOSI Cache Simulator

Worked in a 2 person team at IIT kanpur to develop a Cache simulator which uses MESI and MOSI protocol for Cache coherence in Multi-core processor and collected there results for performance analysis.
- **Technology/Tools:** C/C++, intel-PIN.

Link :https://github.com/nabhiraj/MESI-MOESI_HIT_MISS_Simulator

Academic Project: Implementation of DRAM-DOS-attack

Worked in a 2 person team at IIT kanpur to develop a program capable of performing DRAM-DOS attack, which slows down DRAM access time of victim program. program was executed in Champsim simulation environment for collecting architectural results for future analysis.
mitigation were also implemented in Champsim platform for the same.
- **Technology/Tools:** C, C++, Champsim, intel-PIN.

Link :https://github.com/nabhiraj/DRAM-DOS-attack-and-mitigations

ACHIEVEMENTS .
- Ranked 428 in Gate 2018 exam out of 1 Lac participants .
- **Mobile Computing** by IIITD *NPTEL Gold Medalist (Android Development)*.
- Qualified for code Jam in 2016 and 2019.

COURSES
- Computer Architecture   • Secure Memory Systems   • Operating Systems
- Advance Problem Solving • Scripting Environment • Data Structures and Algorithm