

**Stephen Charles Medders****Local Address:**

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**Education**

Bachelor of Science in Software Engineering,  
Mississippi State University, Starkville, MS,  
Graduation: May 2006

**Work Experience**

Graduate Research Assistant, Computer Science and Engineering, MSU

May 06 – Present

Research metrics and methods for predicting fault-prone modules in open-source high-performance computing applications

Research Assistant, Computer Science and Engineering, MSU

Jan 06 – May 06

Analyze, fix bugs in, and extend the capabilities of a plug-in tool to measure various software metrics in Eclipse software development environment.

Student Worker, Systems and Networks Office, Housing Dept, MSU

Aug 2005 – Jan 2006

Aid students with internet connectivity issues and general computer maintenance; build web page forms for internal use.

Student trainee, US Army Corps of Engineers, Vicksburg MS

May 04 – Aug 04, Jan 05 – Aug 05

Develop web pages, develop new software applications, participate in software testing and software maintenance, help set up new computer systems, and help maintain existing systems

**Related Skills**

Languages: Java, C, C++, PHP, Latex, Scheme

Office: MS Word, Excel, Access, Macromedia DreamWeaver

Databases: Oracle, MS SQL Server, and MySQL

**Publications**

“Architectural Inspection for Computer Security Requirements” *Proceedings of the 10<sup>th</sup> World Multi-Conference on Systemics, Cybernetics, and Informatics*, Orlando, FL, 2006