

Henry G. Stratmann III  
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**Henry G. Stratmann III**  
Software Engineer/Computer Scientist

## Education

### Missouri State University

BS in Computer Science with double minor in Mathematics and Physics

Senior - 118 hours earned

Relevant Courses:

Computer Architecture

Software Engineering

Databases and System Concepts

Computer Graphics

Languages and Machines

Data Structures and Algorithms

Operating Systems

Compiler Construction

## Skills

Programming and Markup Languages:

C, C++, Java, C#, Python, Lua, Objective-C, HTML, XML, CSS, PHP, Scheme, Batch script, Shell script, and various others

Operating Systems, Tools, and Technologies:

Windows, Macintosh, Linux (Fedora and Ubuntu), iOS, Visual Studio, .NET, Apple Xcode, Eclipse IDE, Vim, Makefiles, CMake, Git SCM, Mercurial SCM, OpenGL

## Activities

*Award Winner*

Volunteered to help program a robot for a high school robotics competition that went on to win 1st place in the country.

*Researcher*

Developed a technique to render real-time snow accumulation in 3D. Supervised by Faculty Professor Eric Shade. Won 1st place in CompSci at MSU research day.

*Leader*

Lead programmer on a semester-long game project involving UDK (Unreal Development Kit).

*Teacher*

TA for Computer Graphics course and volunteer teacher for optional game development course offered through local ACM.

*Game Developer*

Currently developing cross-platform game in free time for Mac, Linux, Windows, iOS, and Android.

## Work

*Astronomer*

Interned with NASA-Funded Missouri State Space Grant Consortium. Programmed 16" Cassegrain telescope and CCD camera system at Baker Observatory.

*Crime Fighter*

Currently interning with the Springfield Police Department in conjunction with the FBI for Computer Forensics.

## Groups

*Member*

Association for Computing Machinery (ACM)  
Institute of Electrical and Electronics Engineers (IEEE)

*Secretary*

ACM local chapter's secretary from Fall 2010 to Spring 2011

References available upon request.