



# Foolhardy Softworks LLC

Scientific Software Consulting

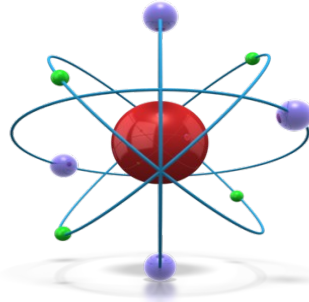
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## Overview

We build software to solve complicated physical and mathematical problems. Our clients include fortune 500 companies, research institutions, and tech startups.

## Expertise

- Modeling complex physical systems
- Numerical simulations
- Robust data processing pipelines
- Data visualization
- Fourier analysis
- Statistics and error propagation
- Cross platform mobile App development
- Geospatial indexing and geometric projection
- Appengine and scalable server infrastructure
- MatLab, Python, C, C++, Java, Fortran, Javascript, HTML/CSS, et. al.



**John C. Meyer III, Ph.D.**



**James R. Dalessio, Ph.D.**

## Our Lead Developers

John is a computational plasma physicist with two decades of programming experience. He built one of the first analytical models for 3D magnetic reconnection using Hall MHD simulations. He earned a B.S. in Physics from Old Dominion University in 2001 and a Ph.D. in Plasma Physics from University of Delaware in 2014. John has written a wide variety of software in addition to MHD simulations, including Android applications and a 3D OpenGL visualization suite.

James has over 15 years of programming experience and is one of the worlds leading experts on variations in compact star pulsations. He has developed a diverse range of applications, from a geospatial indexing schema to mobile web-apps. James earned a B.S. in Physics and Astronomy from Penn State in 2006 and a Ph.D. in Astrophysics from the University of Delaware in 2013. He developed next-generation reduction software for astronomical images that is used at universities and research institutions all over the world. James is also an avid pizza chef.

***Contact us for a free consultation.***

**[contact@foolhardysoftworks.com](mailto:contact@foolhardysoftworks.com)**