

Steven J. Hendrickson

Address

3603 London Company Way
Williamsburg, VA 23185
Citizenship: United States

Contact

(757) 262 - 8428
sjhendrickson@wm.edu
<http://www.math.wm.edu/~sjhendri/>

Objective Obtain a position which utilizes and applies the methods of operations research, mathematics, and computer science

Education **M.S. Computer Science**, *The College of William & Mary*, (Expected) May 2010
Concentration in Computational Operations Research.

B.S. Mathematics, *George Mason University*, August 2008
Concentration in Applied Mathematics.

Experience **LARSS Intern** Jun 2009 - Aug 2009
National Aeronautics and Space Administration, Langley, VA

- Researched the impact of low-probability / high-consequence risk assessment methods on NASA NextGen technologies and the national airspace system

Mathematics Teaching Assistant Aug 2008 - present
The College of William & Mary, Williamsburg, VA
George Mason University, Fairfax, VA Jan 2006 - May 2008

- Prepare and instruct weekly calculus laboratory sessions
- Grade weekly quizzes and homework assignments
- Tutor students in the Math Learning Center

Research Assistant May 2007 - May 2008
George Mason University, Fairfax, VA

- Constructed patient-specific computational models of cerebral aneurysms and performed image-based computational fluid dynamics to support current research

General Manager Jan 2003 - July 2004
Gold's Gym International, Bailey's Crossroads, VA

- Managed a team of managers, sales consultants, personal trainers, and other staff.
- Responsible for meeting revenue and budget goals and maintaining facility operations

Research & Publications **Computational Hemodynamics** May 2007- May 2008
NSF CSUMS and George Mason University URCM Program

- Used image-based computational fluid dynamics and image processing techniques to model and analyze hemodynamic behavior in cerebral aneurysms
- Resulting publication in *American Journal of Neuroradiology*

Academic Honors, Awards, & Press 2008 AMA/MAA Joint Mathematics Meeting Undergraduate Poster Competition Winner
NSF CSUMS Fellowship, 2007 - 2008
National Smart Grant 2006, 2007, 2008
SCORE Scholarship 2009 - 2010
Featured Student: *The Mason Gazette*, Feb 2008
Dean's List

Computer: OS, Languages & Software C, MATLAB, Maple, AMPL, SIMAN/ARENA
UNIX/LINUX, OS X, Windows, HTML