

# STEVEN BITNER

---

Kansas City, MO 64151

stevenbitner@gmail.com

## Education

- **The University of Texas at Dallas**—Richardson, TX  
*PhD Computer Science - Computational Geometry*  
Degree Earned: August, 2010  
Dissertation title: "Proximity Problems in Two and Three Dimensional Euclidean Space"
- **The University of Texas at Dallas**—Richardson, TX  
*MS Computer Science*  
Degree Earned: May, 2008
- **Texas State University - San Marcos**—San Marcos, TX  
*BS Computer Science*  
GPA: 3.78  
Degree Earned: May, 2006

## Experience

- **TRADOC Analysis Center**—Fort Leavenworth, KS  
*Operation Research Specialist: September, 2010 - Present*  
Analyzed and improved existing methodologies for the Advanced WARfighting Simulation (AWARS) software model used by the US Army to make future combat decisions
- **All Enthusiast Inc.**—American Canyon, CA  
*Contract programmer: August, 2006 - Present*  
Database creation and optimization  
Web scripting using PHP and MySQL driving sites with over 5000 unique daily visitors
- **United States Navy Reserves**—Fort Worth, TX  
*Lieutenant Junior Grade: August, 2002 - Present*  
Information Professional Officer  
Mine assembly and quality assurance supervisor
- **The University of Texas at Dallas**—Richardson, TX  
*Research Assistant - Ovidiu Daescu: August, 2006 - August, 2010*  
Performed research and published results in the area of Computational Geometry
- **United Services Automobile Association**—San Antonio, TX  
*Computer programmer: January, 2006 - May, 2006*  
Created new and updated existing software to manage database security

Responsible for creating reports for upper management on database issues using Crystal Reports

- **United States Navy**—USS Chicago (SSN-721)

*Fire Control Technician 2<sup>nd</sup> class: July, 1996 - July, 2002*

Fire control and diving division manager (LPO) for two years

Responsible for training personnel and managing maintenance scheduling

Maintained weapon launching systems and associated software systems

Maintained Navy Diver certification by conducting regular underwater search and recovery dives as well as hull maintenance dives

## Skills

- **Operating Systems:** Linux , UNIX, Windows

- **Computer Languages:**

Proficient in PHP, MySQL, Ajax, C++, HTML, Javascript, L<sup>A</sup>T<sub>E</sub>X, UNIX Shells

Familiar with Perl, OpenGL

## Achievements

- Recipient of the 2008 American Society for Engineering Education (ASEE) Science, Mathematics and Research for Transformation (SMART) Scholarship
- Recipient of the Jonsson Distinguished Scholarship from August 2006 - August 2008
- Received fourth Navy and Marine Corps Achievement Medal while serving with Mobile Mine Assembly Unit 12 in Misawa Japan - 2007