

George Mauer

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Objective: Continue on the long path of becoming one of the best in my field.

Education: **Masters of Science in Computer Science – GPA: 3.904**

Tulane University, New Orleans, LA

Bachelor of Science in Computer Science, Minors in Mathematics and Philosophy

Tulane University, New Orleans, LA

Skills:

Programming: C#, PL/SQL, PHP, Javascript, HTML, CSS, Transact SQL, .NET Framework, C++, ASP VbScript, Visual Basic, Matlab, AIML

Idioms: Fluent in Russian, proficient in Spanish, some exposure to Portuguese and German

Writing Skills: Federal SBIR Grant and creative writing experience

Experience:

Aug 07 – Present

In-house Software Developer

Westway Holdings(www.westway.com) , New Orleans LA

Was the only person with an understanding of real-world software development techniques on the IT staff of a large multinational corporation. Designed and developed extensions and rewrote previously existing code for multiple applications in C# and Oracle including an ASP.NET inventory application integral to the business. Instituted important internal processes related to development including deployment, source control, documentation, and testing policies.

Jan 07 – Present

Freelance Web Developer – Self-Employed

Consulted customers on requirements and system design. Built software on PHP/MySQL and .NET/SQL Server platforms. Responsible for the timely launch of www.caapf.com - an Account Planning Facilitator used by over 17,000 sales-people worldwide.

Jan. 06 – May 07

Web Application Developer

Mudbug Media (www.mudbugmedia.com), New Orleans LA

Developed web applications through a daily use of PHP and ASP. This was typically integrated with an Oracle or MySQL database requiring both back-end and front-end programming in order to generate dynamic, flexible, and maintainable code. Responsibilities included full-blown site and database design, the writing of documentation, and some light graphic design and image manipulation. Projects were typically done solo or in small teams and ranged the full software development lifecycle of design, implementation, quality assurance, and customer support.

Sept. 04 – Sept. 05

Research Assistant in Image Processing and Analysis

Advanced Missile Defense Research Group, Tulane University

Contributed to all phases of a project for the automation of land surveying through the use of LIDAR (Laser Imaging Detection and Ranging) and other publicly available data.

Sept 03 – Dec 04

Statistics and Computer Science Tutor

Education Resource Center, Tulane University

Other Projects:

Dec. 06 – Jan. 07

Principal Co-Investigator in SBIR Grant Proposal for Resultsoft LLC

Co-founded Resultsoft LLC and authored a Small Business Innovation Research (SBIR) Grant proposal to the Institute of Education Sciences (IES) for Project WorldPlay. This would be an educational videogame capable of using specific modern game-design concepts capable of rousing student interest in mathematics to an unprecedented level.

Aug. 05 – Aug. 06

Thesis: SEGWORX - A Matlab Framework for Image Segmentation

Developed a set of Matlab libraries and an application for processing of LIDAR airborne laser scanner data. This involved extensive academic research into trends in image processing as well as the implementation of many of these into small modules capable of interacting easily with each other.

Honors:

Co-founder Resultsoft LLC; Presented and won an award at the 2006 AAAI Conference on Artificial Intelligence in Robotics; Research Stipend for Graduate School; Distinguished Scholars Scholarship; Awarded a Jiu-Jitsu blue belt from Rodrigo Gracie.

