

Brian Ensink

Software Developer

BrianEnsink@gmail.com
(616) 293-3880

SUMMARY

Brian is a self motivated software developer with over 10 years of experience covering every part of the project life cycle. He effectively uses his strong design and development skills to deliver quality solutions. Brian is passionate about software development and relishes every opportunity to learn new technology or skills, and to continuously improve as a professional.

EXPERIENCE

- Software Developer* - 20-20 Technologies November 2003-Present
- Developed and maintained a suite of applications for commercial office space planning.
 - Developed 3D visualization software.
 - Developed data driven software to replace custom code, delivering greater functionality to more users at a lower cost.
 - Developed tools and software to distribute data packages monthly, replacing an unreliable legacy solution and increasing customer satisfaction.
 - Pioneered adoption and integration of .NET technologies into existing C++ code base.
- Research Assistant* - UIUC May 2001-May 2003
- Research area included compilers, distributed systems and programming languages
- Teaching Assistant for Combinatorial Algorithms* - UIUC January-May 2001
- Teaching Assistant for Introduction to the Theory of Computation* - UIUC January-May 2001
- Software Developer and half owner* - Mosor Inc 2000-Present (Semi-active)
- Developed *ER-Assistant* software packaged with the textbook *Database Application Development & Design* published by Irwin/McGraw-Hill November 2000.
 - Developed *FatFreeERD* and *ERStar* used for teaching database concepts.
- Software Developer* - Infograte Inc December 1998-August 2000
- Developed visual modeling tool for database integration.
- Undergraduate Research Project* - GVSU September 1999-May 2000
- Modified experimental Linux kernel to improve quality of service for multimedia applications.
- Undergraduate Research Project* - GVSU May-August 1999
- Developed software for creating entity-relationship diagrams for classroom use.
- Undergraduate Database Research Group* - GVSU June-December 1998
- Demonstrated use of XML to present composite view of databases.

TECHNICAL SKILLS

Active Skills

C#, .NET, WPF, Silverlight, Windows Phone 7,
Microsoft Win32 and MFC APIs, Microsoft Visual Studio, SQL

Other Skills

Java, WCF, Mongo NoSQL database, ASP.NET, Eclipse

EDUCATION

MS in Computer Science, University of Illinois at Urbana-Champaign (UIUC) 2002

BS in Computer Science, Grand Valley State University (GVSU) 2000

PUBLICATIONS

"Coordinating Adaptations in Distributed Systems", Brian Ensink and Vikram Adve, *24th International Conference on Distributed Computing Systems (ICDCS 2004)*, Tokyo, Japan, March 2004.

"Program Control Language: A Programming Language for Adaptive Distributed Applications", Brian Ensink, Joel Stanley and Vikram Adve, *Journal of Parallel and Distributed Computing*, vol. 63, no. 11, pp. 1082-1104, Nov. 2003

"PCL-C: Language, Compiler and Runtime Support for Distributed Adaptive Software", Masters Thesis, Brian Ensink December 2002, UIUC.

"XML based Adaptation of the Composite Approach for Database Integration", Brian Ensink, Kim Haveman, Todd Schavey, Mochan Shrestha, *Proceedings of the 37th Annual Association of Computing Machinery Southeastern Conference*, Mobile, Alabama, April 1999.

VOLUNTEER WORK

Technology Services Group - Heritage Christian School April 2010-Present

- IT infrastructure planning, management, and troubleshooting