

Brandon Kiesling

8819 Hickman Rd, Apt #722, Urbandale IA 50322
515-999-5620, brandorf@brandorf.com
www.brandorf.com

Skills

Languages : C/C++, C#, x86 Assembly, GLSL, HLSL, Lua, XML, Java

APIs : OpenGL, Maya C++ API, FMOD, Silverlight

Software: Adobe Photoshop and Illustrator, Alienbrain, AMD RenderMonkey, gDebugger, Maya 2008, Microsoft Visual Studio, Tortoise SVN, Microsoft Office Suite, Project, Microsoft Expression Suite

Operating Systems: Windows XP, Vista, 7, DOS, Ubuntu Linux

Projects

My AIB

Silverlight Application

November 2010 – Present

<http://www.aib.edu>

Designed a smart, web-based application system for incoming and prospective students to use for guidance though and automation of the enrollment process. Used Silverlight and the MVVM architecture to simplify the UI development process.

Task Manager

Real-Time Strategy Game

December 2008 – April 2009

<http://www.teamrecursive.com>

Designed and implemented the OpenGL rendering and animation subsystems. Worked extensively with GLSL to write pixel shaders to produce advanced effects.

Rayzer

Physics-based Puzzle Game

May 2008 – June 2008

<http://www.brandorf.com/projects/rayzer/>

Implemented an advanced physics and collision library for exact collision detection and response for accurate 2D reflection and refraction of a laser beam.

Education

Full Sail University

Winter Park, FL

Bachelor of Science Degree in Game Development

July 2007 - April 2009

Graduated with GPA of 3.04 and GPS Score of 112

Received Course Director's Award for Public Speaking and Calculus.

Madison Area Technical College

Madison, WI

Certification in Web Development Technologies

August 2004 - January 2005

University of Wisconsin – Whitewater

Whitewater, WI

Worked towards a B.S. Degree in Management Computer Systems and Minor in Computer Science

August 2001 - June 2004

Sun Prairie High School

Sun Prairie, WI

Graduated with a GPA of 3.2

August 1997 - May 2001

Attained a SAT score of 1320 and an ACT score of 35

Played percussion in school band program, as well as in extra-curricular and summer music programs.

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Experience

AIB College of Business

Programmer/Analyst

Des Moines, IA

November 2010 - Present

Supply Resources to AIB computer users. Assist students, staff, and faculty by performing computer-related tasks, writing applications to perform various functions such as maintaining data and reports, and other duties to assist in the processing of data. Assist in the development or modification of a campus wide platform. Work under the direction of the Director of IT Application Services to create and/or modify existing applications to utilize a graphical user interface environment.

Dickten Masch Plastics

Lead Operator

Ankeny, IA

January 2010 – November 2010

Assisted molding machine operators and process technicians, processing production finished goods and providing leadership on the production floor by assisting the Shift Supervisor in various tasks.

Self-Employed

Freelance IT Support / Web Development

Altoona, IA

October 2009 - Present

Provided miscellaneous IT support and electronic repair to local individuals and small businesses.

Designed and implemented websites for individuals and small business.

TEC Services

Lab Technician / IT Support Technician

Lawrenceville, GA

January 2006 – June 2007

Responsible for the design, development and maintenance of the company's internal network, website, and email system. Implemented software and hardware solutions to match the company's needs with the capability of the network. Designed and developed custom applications in C# and PHP/CSS, including automated image conversion software, and custom newsletter control software.

PetSmart

Pet Care Specialist

Cumming, GA

May 2004 - May 2007

Wal-Mart

Sales Floor Associate

Sun Prairie, WI

April 2001 – May 2004

References

Mark Klein

Production Manager - Dickten Masch, Ankeny, IA

(515)326-5823

mklein@dicktenplastics.com

Andrew Ellis

Lead Programmer - EPIC, Madison, WI

(608) 837-2369

andrewcharlesellis@gmail.com

Frank Oczki

Engineering Instructor - SBC/Ameritech, Naperville, IL

(630) 515-1756

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Ari Patrick

Assistant Producer - id Software. Austin, TX

(850)284-0162

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