

Education

Embry-Riddle Aeronautical University
Bachelors of Science in Computer Engineering
Minors: Computer Science, Mathematics

Daytona Beach, FL
Dec 2010 (anticipated)

Experience

Raydon Corporation: Daytona Beach, FL
October 2008–Present

- Responsible for developing C++ and C# code according to set standards.
- Worked in conjunction with team members to rapidly debug and correct errors.
- Followed a strict agile development process with 2-week iterations.

Best Buy Geek Squad: Daytona Beach, FL
September 2007 – October 2008

- Responsible for removing viruses and malware from customer's computers.
- Worked in a fast-paced, high-volume repair environment.
- Learned valuable team communication skills through working on upwards of 40 computers simultaneously.

Projects

OpenAE, Co-Owner & Principle Developer: Co-Owner of the Aerospace Engineering community OpenAE and currently working as the principle developer of OpenDatcom, a Java-based development environment for the USAF Digital DATCOM.

EcoCar Challenge, iDEA Interface Team Leader: Currently working as the leader of a 4 - person team responsible for interfacing between Embry Riddle's iDEA System and the CAN buses on the GM EcoCar Challenge-Saturn Vue.

Software Team Project, Team Leader: Worked as a leader of a 5-person team to develop, from scratch, a Java-based application to plot efficient flight paths between cities.

Real Time Systems Project, Team Member: Worked as part of a 2-person team to automate a model of a Fischertechnik factory using VxWorks through a host/target interface.

Digital Signal Processing, Final Project: Created a sub-band audio encoding and filtering system using Matlab and a TI6416DSP running custom C++ code.

Skills

Programming Languages: C++, C, Java, C#, x86 Assembly, Verilog, LabVIEW, Visual Basic

Operating Systems: Linux, VxWorks, Windows

Development Software: Xilinx ISE, Visual Studio, CodeComposer, MultiSim, Tornado, NetBeans, OneSAF, Bloodshed DevC++

Software: TortoiseSVN, Surround, FogBugz, Microsoft Office Suite, DOORS, OneSAF

Achievements

- Invited to the National Honor Society—2006.
 - Who's Who among American High School Students—2006.
 - Published in "The Voice of America," a collection of scholarship essays—2006.
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