

RUSSELL RYAN

OBJECTIVE

To obtain a meaningful summer internship to gain additional work experience in the computer industry.

EDUCATION

2000 – 2005 North Central High School Indianapolis, IN 46240

- Graduated as Valedictorian in May 2004 with the International Baccalaureate Diploma

2005 - present The Massachusetts Institute of Technology

- In pursuit of a Bachelor's Degree in Computer Science and Electrical Engineering as well as a Bachelor's Degree in Mathematics.
- SATI score 1530: 760 Verbal 770 Math
- 01/2006 6.186 Mobile Autonomous Systems Laboratory - sole programmer for robot in robotics competition
- Currently enrolled in 6.001, Structure and Interpretation of Computer Programs

EXTRACURRICULAR ACTIVITIES

- Volunteer 2000-2005 at the Indiana School for the Blind (over 350 hours) working in the IT department finding solutions to problems, improving accessibility, and helping children. Teacher for a course in C++ Programming developing a text based adventure game with the children.

WORK EXPERIENCE

2005 Indiana Farm Bureau Insurance Indianapolis, IN

Summer internship. Solely in charge of rewriting entire internet based automobile insurance quoting application. Extracted business logic from old modules, created a pluggable rate generation engine with web service for web application integration. Designed companion web application for home users to generate online insurance quotes. Recommendations available upon request.

2003 – 2004 Expedite Solutions Indianapolis, IN

Designed company website; involved communication and planning with department representatives and a graphic artist.

2003 Indiana School for the Blind Indianapolis, IN

Summer Job. Responsible for recalling old computers, configuring new computers and deploying them. Designed software for the accounting department.

2000 - 05

Independent Consulting Work: Custom build computers, repair computers, design websites, and give lessons in computer subjects such as Microsoft Office and web site design. Establish a maintenance schedule where needed for solutions and train employees concerning changes.

HOBBIES AND INTERESTS

Enjoy computer programming and learning new computer languages and concepts (know several computer programming languages: C, C++, Java, Javascript, SQL, HTML, PHP, BASIC, Python (limited proficiency), and others). Have designed two and three-dimensional graphics rendering engines (capable of loading and displaying Quake 3 maps), a text based MORPG, and a pong clone for the Dreamcast gaming console. Design and operate multiple websites, commercial and private, including a self-designed CMS written in PHP with MySQL for my brother's professional photography website (www.shutterdream.net). Have experience with open source Java frameworks such as Spring and Apache Struts, as well as servers such as the Websphere Enterprise Application Server. Other interests include sailing, economic philosophy, electronic music, physics, and rowing for the MIT Lightweight Novice Crew.

REFERENCES

Available upon request.