

Chris Acheson

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OBJECTIVE

To obtain challenging work which will utilize, broaden, and enhance my programming skills.

SUMMARY

- Solid grasp of cryptography and web-application security practices
- Good interpersonal communication skills; excellent problem solving skills
- Practical work experience with a variety of languages and tools in a professional environment
- Fast learner; self-taught knowledge of many languages, tools, and systems

PRIMARY SKILLS

Programming Languages: C/C++, C#, ASP.NET, ASP Classic, Java, PHP, PL-SQL
Operating Systems: Debian/Gentoo/Ubuntu Linux, Windows 9x/NT/2k/XP
Databases: Oracle, MySQL, Microsoft SQL Server

EDUCATION

Rochester Institute of Technology, Rochester, New York
Bachelor of Science degree in Computer Science, May 2008

PROJECTS

Personal:

- AEIOU (An Electronic IOU), an open-source digital bearer certificate currency system. Development blog is available at <http://chrisacheson.net/aeiou/blog/>
- An as of yet unnamed experimental MUD game server, written from scratch.

Academic:

- Design and implementation of simple virtual machine and compiler.
- Team-based design of computerized bowling alley system.
- Creation of complete microcode for simple microprocessor.

RELEVANT EMPLOYMENT

Software Developer, PM&L Inc, Rochester, New York

January 2008-March 2009

Rewrote tournament management system originally written in ASP classic, using ASP.NET, working as part of a four-person team. Implemented new features and corrected defects in both new and old systems. System is live at <http://advancedeventsystems.com/>

Software Engineer, Paetec Communications, Fairport, New York

March 2006-August 2006

Developed version 6 of the PINNACLE Communications Management Suite using Oracle PL-SQL and related technologies, together with large development team. Implemented features and corrected defects.

Programmer, EZFTZ Software, Rochester, New York

November 2005-February 2006

Participated in PHP rewrite of Foreign Trade Zone management software originally written in Microsoft Access. Wrote code for automated generation of pre-filled PDF forms. Provided client support for old version of software and corresponding Oracle databases.

IT Support, Education Loan Servicing Corp, Cleveland, Ohio

July 2004-August 2004

Assisted set up and maintenance of network and computers for call center staffed by approximately 30 people.

Programmer, RIT Computer Engineering Department, Rochester, New York

March 2004-May 2004

Created a 3D semantic model for computer vision (object recognition) algorithms using OpenGL.

Computer Technician, Computer Equipment Outlet, North Ridgeville, Ohio

June 2002-August 2002

Redesigned company website, networked office computers and connected to DSL line through Linux firewall/NAT server.