

Paul Trzyna

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OBJECTIVE To obtain an internship in the field of computer science.

EDUCATION

University of Illinois at Chicago (UIC)
Bachelor of Science in Computer Science
GPA: 3.3/4.0, to be awarded May 2006

Wilbur Wright College
Associate of Liberal Arts
GPA: 3.5/4.0, June 2001

COURSEWORK

Data Structures and Mathematics	Languages and Automata
Computer Architecture	Software Design
Computer Algorithms	Applied Statistical Methods
Assembly Language Programming	Applied Linear Algebra

COMPUTER SKILLS

Languages: JAVA, C++, C, HTML, JavaScript, PHP, .NET

Systems: LINUX, MS-DOS, UNIX, Windows

Projects: Created a web-based trucking freight center application. The application was implemented using .NET. I designed a web service, used an external web service and a database to store and retrieve freight information as well as the account information requested by the user.

Designed and implemented GUI games such as WordPop, Quits, MasterMind using Java Foundation Classes. WordPop used a trie data structure which was used previously in a rhyming dictionary project.

Implemented a 'win-help style' system using the JavaHelp API, XML to create configuration files and HTML used to create the content files. The features implemented were: context sensitive help, favorites topic listing and searching capability.

Designed a program used to find the transitive closure on a undirected graph with negative weights. Used Java Collection Classes to implement parts of this project.

EXPERIENCE

UIC, CS Department, Chicago, IL, March 2004 to present
Web master: updating and maintenance of the CS website. Working with PHP and MySQL. Facilitated migration to a new website design.
Office clerk: copying, answering phones, filing, helping with computer equipment, and software.

Essex Insurance Agency, Chicago, IL, December 2003 to March 2004
Office clerk: performed clerical duties, answering phones, filing, repaired computer equipment, set up a local network.

Wilbur Wright College, Chicago, IL, May 2001 to June 2003
Web master's assistant: maintained department web sites, facilitated conversion of the school website to database driven model using ASP, helped with switch to MS SQL Server, created graphics and Flash animations as needed.

Tandem Insurance Agency, Chicago, IL, November 1998 to May 2001
Office clerk: answering phones, filing, repaired computer equipment, set up a local network, designed and maintained company website.

REFERENCES Available upon request.