

Jordanna Chord

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AREAS OF EXPERTISE

C++ ● MC++ ● opengl ● Prolog ● VRJuggler/CAVE Applications ● TCP/IP Protocol ● HTML ● XML/XHTML ● CSS ● DTD's ● Visual Studio 6 & .Net ● SQL ● UML ● ASP.Net ● Python
Problem Solving ● Communication Skills ● Leadership ● Analytical ● Customer Service

Objective

To find a position that will allow for both technical growth and leadership positions and allow me to exercise my technical skills alongside my entrepreneurial passions.

Education

Gonzaga University; Spokane, Washington
Major: Computer Science Expected Graduation: 05/2006
Concentration: Entrepreneurial Leadership
GPA: 3.68 (Spring 2005) Term GPA: 3.94 (Spring 2005)
University Accreditation: ABET, AACSB

Internships

NextIT, Spokane, WA February 2004/Present

Intern: Software development for a dynamic probabilistic parser that uses a changeable lexical grammar to sort, correlate and classify all types of textual information based on rule sets. The application uses lexical models to define recognizable patterns and then utilizes stimulus-response knowledge bases to make sense of the patterns and react to them appropriately. Acquired training in design patterns and advanced object orientated techniques. Work includes development on the primary natural language processor and the development of wrappers between C libraries and managed C++.

New Venture Lab: Gonzaga Artificial Intelligence Lab (G.A.I.L.) & NextIT, Spokane, WA September 2004/January 2004

Project Manager: Responsible for the direction of a team to conduct marketing analysis of current competition in the software market for educational software. Included the compilation of a report and presentation of results to NextIT with a feasibility study.

Research

DIMACS – Rutgers University, Piscataway, NJ Summer 2005

Undergraduate Research Intern: Using Bayesian Binary Regression (BBR) on a KDD Challenge, the authors of domain specific works was derived from metadata in the text including long words whose high specificity make them valuable for identifying interests and the position of an author's name in the list of authors. The BBR method provides direct estimates of the probability that a particular writing was "produced" by a particular person.
<http://dimax.rutgers.edu/~jchord/>

Arctic Regional Supercomputing Center, Fairbanks, AK Summer 2004

Undergraduate Research Intern: Developed Frost_Byte, a scientific simulation that allows users to view and interact with scientific data. The project uses nontraditional visualization tools to create an interactive virtual-reality environment in which permafrost dynamics can be explored and experimented with. Using C++, OpenGL, and VRJuggler software was written to display and modify data representing permafrost over a period of two hundred

years. Concurrently developed was a modular user interface that can be utilized in other VR applications. (National Science Foundation's Report available upon request.)

United States Senate, Washington D.C. – July/August 2002

Intern for Sen. Frank H. Murkowski: Observed and shadowed the Senator in confidential meetings. Responsibilities included online research, public relations, and database creation.

- Assisted in the optimization of constituent's immigration requests to expedite the office's responses to Alaskan's citizens seeking assistance in dealing with the INS.
- Maintained communication with constituents in Alaska.
- Conducted research on a national bill concerning the stockpiling of smallpox vaccines.

Professional Experience

Rising Times, Spokane, WA 2002/Present

Journalist: Provide well researched articles for a street newspaper funded by AmeriCorp orientated toward the homeless and poor of Spokane and the surrounding region. Provide guidance and advice on design and layout creations.

- Educate the Spokane's population on homelessness and poverty to decrease discrimination.
- Improve the quality of life for homeless by providing employment as vendors and to improve their living environment by reducing discrimination.
- Wrote a business plan for use in future planning and fund-raising.

Gonzaga Foley Library, Spokane, WA 2003/2004

Computer Lab Assistant: Provided technical assistance to students using computers and lab equipment in campus' main library.

Wells Fargo Bank, Anchorage, AK – 1999/2004

Human Resources Specialist/Bank on U Student: Responsibility for an array of duties within the Human Resources Department. Required working knowledge of company personnel policies and procedures for a full spectrum of HR related assignments. Provided technical support for office PC's and network. Summer of 2002: Private Client Services - Created a client database to use as a hub for communications and marketing research for hundreds of clients. Responsibilities included marketing internally and external communications to educate potential clients in the services that would optimize their financial standards. Summer of 2003: Commercial Real Estate – Conducted an audit on all active commercial loans over one million dollars while managing the electronic database. Completed annual reviews for large net worth clients that included a comprehensive financial analysis.

Memberships

- Association for Computing Machinery (ACM) - Club President(04-05), Vice President (2005-06)
- New Venture Lab – Project Manager on an E-mentoring concept and G.A.I.L
- Society of Women Engineers
- Circle K - Service Member, Officer of Web Page Development, Pacific Northwest District Chair – Creating Opportunities in Internships and Networking
- National Forensics League Member
- Hogan Entrepreneurial Leadership Program

Miscellaneous Honors and Awards

- Finalist/Second – Social Business Plan Competition, GU, 2005
- National Deans List - 2005
- Grand Prize – Social Business Plan Competition, – Gonzaga University - 2004
- Grand Prize – Community Based Business Plan, gamerZunion – G.U. – 2004
- First Place in the Regional Programming Competition vs. Eastern Washington Univ.
- Arsalyn Award – 2002,2003 – Attended Youth Political Activism Conferences
- Microsoft Grace Hopper Award for 2003 – Invited to speak at Microsoft's 2004 Women's Conference
- American Legion Auxiliary Scholarship

- Rotary International, Anchorage East Rotary Club Scholarship
- Phillips/Conoco Scholarship
(Transcripts, Course Work and References Available Upon Request)