Andrew Nelder

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[Education]

2004 – 2010   *University of Victoria*, Victoria, BC
Electrical and Computer Engineering

[Work Experience]

2011 – Present   **Sr. Research Analyst / Research Lead**, *Seeker Solutions Inc.*, Victoria, BC
Responsibilities:
- Deliver bi-weekly research and development reports to the CTO and CEO.
- Hire and manage a team of researchers and developers with a variety of academic backgrounds in an *Agile Development Environment*.
- Technical writing ranging from specifications documentation to research reports.
- Conduct formalized research in a variety of fields including: Natural Language Processing, Machine Learning, and Pattern Recognition.

Accomplishments:
- Demonstrated strong leadership and project management skills.
- Attended several academic conferences and management training seminars.
- Acted as a technical consultant to the business development team and potential partners, with both technical and non-technical backgrounds.

2009 – 2011   **Programmer Analyst**, *Seeker Solutions Inc.*, Victoria, BC
Responsibilities:
- Develop prototype and production ready code in a variety of languages and with a variety of employed technologies.
- Conduct informal research on new and emerging technologies and pursue their incorporation into packaged technologies.
- Lead a small team, as a peer, and prepare weekly development reports.

Accomplishments:
- Produced one of the most advanced commercial Natural Language Processing technologies that is only recently being superficially investigated by the academic community.
- Acquired strong organizational skills and a solid understanding of Agile development.

2007 – 2009   **Help Desk Consultant**, *University of Victoria*, Victoria, BC
Responsibilities:
- Provide technical assistance to students, faculty, and staff.
- Field contact issues by phone, email, or in person.

Accomplishments:
- Demonstrated the ability to communicate technical information to people with a variety of different backgrounds and experience levels.
- Acquired the skills necessary to maintain a positive rapport with a large client base.

- Demonstrated strong multi-tasking skills.

2006 – 2007   **Software Developer**, *InLight Entertainment*, Victoria, BC
Responsibilities:
- Develop games in Flash 5.0+ for the Leapster/L-Max consoles, for sale in the United States, Mexico, and throughout Europe.
- Produce various web applications for other contracts, during slow periods of development.

Accomplishments:
- Developed two games for the Leapster/L-Max, "Wonderland" and "Noddy Rainbow Adventure".
- Learned a lot about working independently and organizing priorities in a work situation.
- Gained valuable experience working with deadlines.

2004   **Technical Support Agent**, *MSN Technical Support – RMH/NCO Group*, Nanaimo, BC
Responsibilities:
- Service MSN Dial-up customers in the United States via phone and email.

Accomplishments:
- Gained valuable experience working with irate customers.
- Obtained the ability to take control of a conversation and focus on a specific point.

[Proficiencies]

Programming Languages	Web Technologies	Database Technologies
Python	HTML5 / CSS3	MySQL / PostGreSQL / SQLite
Ruby	PHP	HBase
Java	Javascript / JQuery	Redis
C/C++	Node.js / Socket.io	Neo4J
		Gremlin
Preferred Environment	**Web Frameworks**	
MacOSX / Linux	Web.py / Bottle.py / DJango	**Database Tools / Libraries**
Vim / Eclipse	Ruby on Rails	PostgreSQL Admin
Agile Development	Tomcat	SQLAlchemy / EmpireDB

[Activities and Interests]

Professional – Pet software projects, learning, and self-improvement.
Personal – Table-top games and outdoor adventures.

[References]

Available upon request.