

John L. Taylor  
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## SUMMARY OF QUALIFICATIONS

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I am an IT and Business Systems Analyst.

On the information technology side, I aid in the administration of a network comprised of four offices, nearly twenty servers, seventy or so users (ranging from GIS Analysts to Field Technicians) and their clients. I am a Microsoft Certified Technical Specialist: SQL Server 2005 with duties range from technical support and troubleshooting, to system and database administration (esp. SQL and SharePoint).

On the analysis side, I assist in performing statistical estimation (cost, risk and reliability), database design, report design, data preparation, and statistical testing. I am an ASQ Certified Quality Process Analyst.

I have a strong background in philosophy, psychology, and computer science. I am experienced in instruction in both business and academic settings. I have a B.A. in Philosophy, a B.A. in Psychology, and a minor in Computer Information Systems. Additionally, I have a wide array of applicable experience, ranging from co-teaching a course, lecturing, and presenting papers at professional meetings, to research, analysis, and training personnel.

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## EDUCATION

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<i>Carnegie Mellon University, Pittsburgh, PA</i> <b>M.S. in Logic and Computation (incomplete)</b> Thesis: "Truth, Simplicity and Ockham's Razor" Areas of Specialization: Philosophy of Science, Formal Epistemology, and Philosophy of Mind	<b>2005</b>
<i>Humboldt State University, Arcata, CA</i> <b>B.A. in Philosophy</b> Areas of Concentration: Philosophy of Science, Logic, and Epistemology. Minor: Computer Information Systems (AOC: mathematical models of computation)	<b>2003</b>
<i>Humboldt State University, Arcata, CA</i> <b>B.A. in Psychology</b> Areas of Concentration: Cognitive, Social, and Biological Psychology.	<b>2003</b>
<i>College of the Redwoods, Eureka, CA</i> <b>A.A. in Liberal Arts</b>	<b>1999</b>

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## HONORS, AWARDS & CERTIFICATIONS

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• Microsoft Certified Technical Specialist: SQL Server 2005, Microsoft Corporation	<b>2009</b>
• Certified Quality Process Analyst, American Society for Quality	<b>2008</b>
• Fellowship, CMU Philosophy Department, Logic and Computation	<b>2004 – 2005</b>
• Travel Award, Humboldt State University Philosophy Department	<b>2003</b>
• Member of Sigma Xi: The Scientific Research Honor Society	<b>2002 – 2003</b>
• Student Member of Psi Chi: National Honor Society in Psychology	<b>2002 – 2003</b>

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**TEACHING AND ASSISTING**

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*Carnegie Mellon University, Pittsburgh, PA*

**Teaching Assistant**– “Introduction to Ethics.” **2005**

I created and moderated class forums, maintained grade spreadsheets, graded exams and papers, and advised students on effective writing, critical analysis and class subject matter. I held open office hours and met with students upon request.

**Teaching Assistant**– “What Philosophy Is.” **2004**

I taught recitations held in the form of Socratic dialogue for two sections of approximately 30 students each, maintained online records, graded homework and papers, while providing extensive written comments. Furthermore, I advised students on effective writing, critical analysis, and class subject matter. I held open office hours and met with students upon request.

*Columbia Community College, Columbia, CA*

**Tutor** **2003**

As a tutor in Columbia College’s Academic Achievement Center, I aided students in relevant subjects in which I had received a B or better (approx. 20). The wonderfully diverse students ranged from learning disabled to gifted, and from 17 years olds to senior citizens.

*Humboldt State University, Arcata, CA*

**Teaching Assistant** – “Biological Basis of Behavior.” **2003**

Graded exams, developed course web page, notes and glossary.

**Research Assistant** – “Modeling Unsupervised Category Learning.” **2002**

Aided in original research for the modeling of unsupervised category learning with Bayesian methods, especially in translating a computer model from Fortran to C++.

**Co-Instructor (with Professor John Powell)** – “How the Mind Works.” **2001**

Developed syllabus and overall course structure and co-led the class.

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**RELATED EXPERIENCE**

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*Condor Earth Technologies, Columbia, CA*

**IT & Business Systems Analyst** **2006 - Present**

My duties incorporate elements of technical support, analysis, and systems administration, including quality, risk, and reliability analysis using probabilistic methods (esp. Monte Carlo simulation), implementing and administrating servers (esp. SQL and SharePoint), and troubleshooting hardware, software and networking problems.

*Carnegie Mellon University, Pittsburgh, PA*

**Computer Lab Administrator** **2006**

As lab assistant, I maintained four servers running Apache and Microsoft Server, sent out mailings, and administrated software in development (<http://caae.phil.cmu.edu/picola/>). Additionally, I provided support for faculty and had to troubleshoot server problems. As a website designer, I developed and maintained five different sites (e.g. <http://www.hss.cmu.edu/philosophy/>).

*Condor Earth Technologies, Columbia, CA*

**GIS/GPS Surveyor** **2004**

My duties included driving to new locations every day—and sometimes many locations in one day—at a precise time to set up a GPS receiver, taking detailed notes and coordinating with five co-workers at separate locations.

*Self-Employed, Sonora, CA*

**Web Designer****2004**

I designed, developed content and maintained several websites for commercial and nonprofit organizations.

*Humboldt State University, Arcata, CA*

**Logic Grader****2001- 2002**

As a logic grader, for a year and a half, I evaluated student proofs, proctored tests, and graded final exams.

## PUBLICATIONS AND PRESENTATIONS

- Taylor, J.L. and Burgess, S.A. (2004). "Steve Austin Versus the Symbol Grounding Problem". In Proc. Selected Papers from the Computers and Philosophy Conference (CAP2003), Canberra, Australia. Conferences in Research and Practice in Information Technology, 37. Weckert, J. and Al-Saggaf, Y., Eds., ACS. 21-25.
- Taylor, J. L. "The Computational Stance" at CAP North America 2004, Pittsburgh, PA
- Taylor, J. L. "Experimentally Informed Tutoring" in a session on Defining Tutor Pedagogy; 2004 NCWCA Conference, Stanford CA
- Taylor, J. L. & Scott Burgess "Steve Austin Versus the Symbol Grounding Problem" at CAP Australia 2003 Conference, Canberra, AU

## PROFFESIONAL SERVICE

- Referee, *Journal of Philosophical Logic* (Summer 2005)
- Student Track Referee, North American-Computing and Philosophy 2005 Conference
- Student Representative, Philosophy Department, Humboldt State University (Fall 2002- Spring 2003; Fall 1999- Spring 2000).

## OTHER ACTIVITIES (PROFESSIONAL MEMBERSHIPS, VOLUNTEER WORK, ETC.)

- Member, American Society for Quality (2007-Present)
- Student Member of American Philosophical Association (2001-2004)
- Member, HSU Philosophy Club (Fall 2002- Fall 2003)
- Founding President, HSU Philosophy Club (Fall 2001- Spring 2002)
- Art Instructor, Children's Art Program, Strawberry Music Festival (1998-2002).
- Webmaster: <http://www.crumpled.com/cp/>

## SKILLS

## Operating Systems

- Windows
- Macintosh
- Linux

## Productivity/Servers

- MS Office Applications®
- MS Server (2000, 2003)
- MS SharePoint (MOSS)
- MS Exchange
- SQL Server (2005)

## Programming Languages

- Visual C++/Visual Studio
- Visual Basic/Studio
- Scheme (LISP Variant)
- Prolog

## Mark-up/Scripting/Querying

- HTML
- XML
- PHP
- SQL

Media/Production

- Dreamweaver
- Adobe Photoshop
- Paintshop Pro
- Acid Pro

Utilities

- Symantec Antivirus Corporate Edition
- Norton Ghost

Modeling/Mathematical Software

- DecisionTools Suite
- Mathematica
- Minitab
- R Statistical Software
- Weka/RapidMiner

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REFERENCES (CONTACT INFORMATION AVAILABLE UPON REQUEST)

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- John Powell, PhD, Professor of Philosophy, Humboldt State University
- Barry Hillman, PhD, President, Condor Earth Technologies, Inc.
- Jeff Fitzwater, MA, Faculty, Columbia Community College