

COLIN CRABTREE

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Objective

A career in technical and non-technical writing, focused on engineering-to-management communication or product review.

Education

California Polytechnic State University, San Luis Obispo, senior standing

Bachelor of Arts in **Liberal Arts & Engineering Studies**; Minor in **Computer Science** – December 2012

Current GPA: 3.03

Philipps-Universität Marburg, Germany

Technical Work History

California Polytechnic State University, San Luis Obispo, CA

Computer Lab Student Assistant (2010-2011) (2012-Present)

- Working for the Liberal Arts & Engineering Studies Program installing, upgrading, and maintaining the lab server and computer systems.

California Polytechnic State University Corporation, San Luis Obispo, CA

Research Assistant & Teaching Assistant (2012-Present)

- Assisting in teaching an upper division computer ethics course and co-authoring a survey of worldwide curriculum teaching this topic.

Success Strategies, Inc., Fresno, CA

Chief Technology Officer (2007-Present)

- Managing company computer network, including maintenance, setup, upgrading, automation of data collection, and data tracking. Also in charge of technology related purchasing, developing new technology plans for the company, and training colleagues in the use of new systems.

Technical Writing & Communication

Product Review Write-ups

- www.itsallabouttheleaf.com/author/spencer/
- www.teaviews.com/author/spencer/

Senior Thesis

- A comparison of cost effectiveness of various computer cooling solutions for business computers.

International Relations – Germany (Four-month Study Abroad)

- Volunteered as an English teacher for an eighth-grade English class of native German-speakers

Writing Projects

- A Survey of Existing Courses in Computer Ethics and Their Curriculum (in progress)
- Research & Analysis – Applying Principles of Computer Programming to the Creation of Written Works (22 pages)
- Research, Experimentation, & Analysis – Applied Computer Cooling (20 pages)
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Research and Development

California Polytechnic State University, San Luis Obispo, CA

Technical Group Projects

- Assembled a Rube Goldberg machine for the Pageant of the Masters
- Assisted in developing an interactive light-based performance with the Cal Poly dance troupe.
- Created a virtual chess game, including graphics and movement programming
- Coded and rendered a presentation video using POV-Ray to demonstrate concepts of Physics

Summary of Qualifications

- Operating Systems:* Windows (2000, XP, Vista, 7, 8), Linux (Ubuntu, Mint, Fedora, others), Mac (OSX, OSX Server), iOS, & Android
- Workplace Software:* Microsoft Office, LaTeX, GIMP, Photoshop, ACT database, & HTML
- Computer maintenance and troubleshooting experience
- Extensive writing experience on a variety of topics
- Social communications experience in presentations and public speaking
- Approximately A1 Spanish and B1 German proficiency (Common European Framework of Reference for Languages)

Life Achievements

- Eagle Scout – June, 2004 – Boy Scout Troop 194, Modesto, CA

Leadership/Involvement

- DJ & Officer** - SLO GLO electronic music club (2009-2012)