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Carl Sutherland

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- Objective** Seeking professional software development opportunities.
- Education** **The Pennsylvania State University**, Spring 2009
B.S. in Computer Science
B.S. in Mathematics
GPA: 3.96/4.0
Hochschule Muenchen, Munich, Germany
Computer Science, German
- Experience** **Humble Software**: Software Developer, Proprietor (October 2009 – Present)
• Provide clients full-cycle software development.
• Develop interactive data visualization libraries in PHP and JavaScript.
Acuity Innovation LLC: Web Developer (September 2008 – Present)
• Maintain and extend MOCA, a web based corpus analysis tool for linguistic analysis and natural language processing.
• Develop web services interfacing MOCA with third party applications.
• Work in various development stages, internal and direct with customers.
Singhammer IT Consulting: Internship (March – July 2008, Germany)
• Developed PHP/GTK tools for Singhammer IT's flagship product.
• Streamlined and automated update process between versions of code.
• Worked with Diff, Patch, and Perl regular expressions.
Research Experiences for Undergraduates: Student (Summer 2007)
• Carried out undergraduate research project in finite field mathematics.
- Skill Set** **6 years of PHP & MySQL experience, JavaScript, HTML5/Canvas, AJAX**,
5 years of C++, natural language processing, finite field/coding theory,
Mathematica/Matlab experience, Linux power user, LaTeX, German.
- Distinctions** **Lorraine M. Goebert Scholarship** (2005 – 2009)
DAAD Study and Internship Scholarship: German Academic Exchange
Service scholarship (2007 - 2008)
Eagle Scout (2004)
- Activities** **The National Society of Collegiate Scholars** (2004 – Present)
Service Learning in East Africa (Summers 2006 and 2007)
Took part in a study abroad course in Arusha, Tanzania centered on
global activism and service learning. Returned in 2007 as a student
advisor. Built relationships with NGOs for future offerings of this course.
Boy Scouts of America (1992 – Present)
Served in a range of leadership positions and achieved the rank of
Eagle Scout. Highlighted by a 60 mile hiking trek at Philmont, NM.
- References** Available upon request