

Brian D. Krausz

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Objective

To obtain a full-time position beginning summer 2009 that will utilize and expand my software engineering and development skills.

Education

Carnegie Mellon University, School of Computer Science, expected graduation May 2009
Pursuing Bachelors of Science in Computer Science/Minor in Software Engineering

Professional Skills

Languages – Java, C, PHP, MySQL, HTML, CSS, JavaScript, XML, SML
Operating Systems/Software – Windows, OS X, FreeBSD, Linux, SVN, Eclipse, Exchange/Office, LAMP

Work Experience

Mozilla Corporation – Software Engineer (Web Development) 5/08 – 8/08

- Implemented redesign of support website (support.mozilla.com)
- Handled localization and bulk mailing for Download Day (spreadfirefox.com/worldrecord)
- Optimized AMO (addons.mozilla.org) loading via caching, gzipping, and spriting

Yahoo! Inc. – Software Engineer (Yahoo! Real Estate) 5/07 – 5/08

- Documented, replicated, and upgraded legacy servers to PHP5, rewriting extensions
- Rewrote daily processing scripts to decrease run time from 11 hours to 20 minutes
- Optimized site to decrease load time via CSS spriting and improved header redirect logic

Lippis Report, LLC – Consultant 4/08 – 8/08

- Rewrote tracking/data processing backend for Lippis Report (lippisreport.com)
 - Wrote bulk data processing and analysis with web viewing and Excel exportation
 - Worked with Wordpress API to ensure future compatibility

Knowing Point, LLC – Consultant 4/05 – 12/07

- Led extension/repair of online survey system (knowing4success.com)
 - Coded template structure, user frontend, Excel spreadsheet importation, PDF generation
 - Programmed e-commerce system to securely handle credit card transactions
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Relevant Coursework

Operating System Design and Implementation
Software Engineering Practicum

Computer Networks
Algorithm Design and Analysis

Activities

Instructor – Creating Facebook Applications (98-096)

- Created, organized, and currently teaching course of 20 students

Teaching Assistant – Concepts of Mathematics (21-127)

- Instructed 35 students twice weekly, supplementing lecture
- Held office hours to assist students; graded and reviewed homework weekly

Alpha Epsilon Pi – Brother/Webmaster/Booth Chair