

Sean P. Anastasi

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Education

University of Washington
Major: Computer Science
Major GPA 3.68
Overall GPA 3.33

Honors and Awards

- Eagle Scout Award
- Dean's list Aut. 2006, Aut. 2007
- Glerum Endowed Scholarship
(CSE Departmental Scholarship)

Work Experience

Amazon.com, Inc., Seattle, WA

Jun., 2009 - Sept. 2009

Software Development Engineer Intern

Designed and implemented a production system for quantity limits on items and a system to automatically set those limits on items sold at a loss.

University of Washington CSE, Seattle, WA

Jan., 2008 - Present

*Undergraduate Teaching Assistant CSE 142 (Introductory Computer Science I)
CSE 341 (Programming Languages)*

Taught a one hour section of 20-30 students, taught in the Introductory Programming Laboratory, graded homework and exams and developed classroom material and grading criteria.

Government Employees Insurance Company (GEICO), Chevy Chase, MD *Jul., 2007 - Sept., 2007*

Web Design Intern

Worked on projects within the Underwriting and Project Management department to improve GEICO's intranet.

- Translation of page data from HTML to XML-based structure. Developed XML schemas and DTDs.
- Improved departmental web development skills in HTML, XML and XSLT.

Areas of Study/Projects

- Digital Design, Assembly Language, Embedded Systems Design
- Formal Semantics, Compiler Design
- Computer Graphics
- Website Design - Designed and built webpages for several student organizations
- Operating Systems - Modified the Linux and Windows Server kernel, FAT file system in class projects.
- Computer Vision, Artificial Intelligence, Embedded Systems - Designed, built and programmed autonomous, maze-solving robot on an embedded Linux system.

Undergraduate Research

MobileASL

Jan., 2008 - Present

<http://mobileasl.cs.washington.edu>

Video compression to enhance intelligibility of Sign Language communication. Worked on porting the application from Windows Mobile to a new, Linux-based phone. Embedded linux development, network communication and media framework experience.

Relevant Skills

Excellent computer skills and problem solving ability. Experience planning, organizing, and executing a project from start to finish. Ability to learn new skills very quickly and immediately use them effectively.

Experience with programming, debugging, graphics, hardware, and networking in Linux, Windows Vista/XP/2000.

Proficiency in a large number of programming languages including Java, C, Ruby and Python.

Considerable experience with web design and languages such as HTML, Javascript, Ruby on Rails, PHP and ASP. Experience with many other languages including C++/C#, Perl, Scheme, Haskell, etc. Some ability in Japanese, Swedish and Spanish.