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Objective
To obtain an internship as a software design engineer.

Qualifications

- Fluent in C, C++, C#, Java, JavaScript, AJAX, and SQL
- Taught a workshop on Win32 API programming
- Setup Apache, MySQL, Perl, and PHP in Windows and Linux
- Setup a MS IIS web server with ASP.NET and a MS SQL 2005 server

- Knowledge of Win32 API/WTL/Winsock/COM
- Experience with the .NET framework and ASP.NET
- Developed several Win32 and .NET programs
- Developed an AJAX based social networking website

Education

2004 – Present   Stanford University, Stanford CA – Expected BS in Computer Science 06/2008

Coursework includes and will include

- Introductory Computer Graphics
- Introduction to Computer Networks (grad version)
- Operating Systems and Systems Programming
- Artificial Intelligence: Principles & Techniques (grad version)
- Programming Methodology and Abstractions (Accelerated)

- Databases
- Computational Logic
- Computer and Network Security
- Object-Oriented Systems Design
- Client-side Internet Technologies

Personal Projects

01/06 – Present   **Stanford GER Treasure Hunter (http://www.stanfordgers.com)**
- Helps students find classes that satisfy multiple general education requirements
- Uses OCR to convert paper based data to a tab separated file which is imported into a SQL database
- Created a C# ASP.NET web front-end to serve the data to students
- Received many emails praising usefulness along with inquiries at the start of every quarter asking when it will be updated

06/05 – 06/06   **The Daiquiri**
- AJAX based college social networking website
- Sold to a Stanford GSB student in spring 2006
- Lead an India based development team on its continued development for 6 months

Work Experience

Summer 2006   **Software Engineer Intern**: Google – Worked on Google Calendar
- Java: Sped up event loading by 40% through better threading and synchronization
- Javascript/AJAX: Added GMail photos integration
- XML + Web Services: Extensive work with Calendar GData API
- Win32, C++, and COM: Developed a windows application which interacted with Crypt32, WinINet, and MSXML

09/05 – 08/06   **CS 107 Programming Paradigms TA**: Stanford University – Hold office hours once a week to help students understand and debug their programs. Also grade assignments and provide feedback.

Summer 2005   **Logic Group Research:** Stanford University – Accepted into Stanford CURIS Program and worked with the logic group. Worked on improving the structured Gates Information Network and helped created a semantic web based online store.

01/05 – 08/05   **Computer Science Section Leader**: Stanford University – Every week met with a group of approximately ten students of the Programming Methodology and Abstractions class and lead a discussion on a current topic. Went through an application and interview process and was selected by the Section Leader Program Coordinators.

02/04 – 09/04   **Website Designer**: WEACT.biz – Created the website http://www.weact.biz utilizing Perl. Website includes credit card payment processing, members only section, updateable members directory, and a resume submission feature.

06/03 – 08/03   **ASP.NET Developer and Database Analyst**: Clark County Center for Enterprise IT - Created an ASP.NET application that tracked when and where new computers were deployed and old computers were donated. Designed and implemented a database driven calendar used to schedule and view deployments of new computers and donations of old computers.

03/03 – 05-03   **ASP.NET Developer**: Las Vegas District Attorney IT Department – Worked on converting an ASP/VBScript claim management application to ASP.NET. Worked as part of a development team and reported to the project manager regularly.

Extracurricular Activities

- 2005 – Present: Stanford ACM Chapter President and Webmaster
- 2005 – 2006: Stanford ACM Programming Contest Team – Team members selected via local contest.
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