

## Objective

To work as a software engineer at a tech startup and create awesome applications that improve people's lives.

## Qualifications

- Fluent in C, C++, Java, PHP, Ruby on Rails, JavaScript, and SQL
- Experience in Linux, Apache, MySQL, PHP development
- Experience in Windows, IIS, MS SQL, ASP.NET development
- Experience in W3C standards-based XHTML, CSS web design
- Experience in Objective-C, Cocoa, and iPhone development
- Developed several highly-trafficked database-driven websites
- Experience with search engine optimization and web marketing
- Knowledge of Drupal, Joomla, WordPress, phpBB frameworks

## Education

2008 – Present **Stanford University, Stanford CA** – expected BS in Computer Science, June 2012

### Coursework includes:

- Programming Abstractions (Accelerated)
- Computer Organization and Systems (C)
- Object-Oriented Systems Design (Java)
- Principles of Computer Systems
- Statistical Computing with R Laboratory
- Standard C++ Programming Laboratory
- iPhone Application Programming
- Web Applications (Ruby on Rails, JavaScript)
- Mathematical Foundations of Computing
- Probability for Computer Scientists

## Personal Projects

01/05 – Present **FreeTheFlash Entertainment Inc.** ([www.freetheflash.com](http://www.freetheflash.com))

- Highly-trafficked media entertainment portal, featuring Adobe Flash animations, games, soundboards, and videos
- Designed and programmed website *from the ground up* using PHP, MySQL, XHTML, CSS, and W3C web standards
- Advanced Web 2.0 features: user content submission, moderator approval, full-featured administrator control panel
- 3,000,000 page views and 600,000 unique visitors annually

10/07 – Present **StudyNotes.org** ([www.studynotes.org](http://www.studynotes.org)) – *Currently In Beta*

- Offers free study materials to high school students taking AP classes and preparing for SAT and ACT exams
- Received many emails praising usefulness and numerous inquiries about when new content will be added
- 1,200,000 page views and 520,000 unique visitors annually, with traffic increasing each month

## Work Experience

01/09 – Present **Stanford University:** Computer Science Section Leader

- Meet weekly with approximately ten students from CS106A and CS106B Programming Methodologies classes
- Lead discussion section on current class topics to complement professor's lecture
- Went through an application and interview process and was selected by the Section Leader Program Coordinators

Summer 2009 **Stanford University:** Computer Science Research – “Automatic Retargeting of Webpage Content”

- Built a web design application for casual designers that facilitates exploration and application of design examples
- Presents a corpus of design alternatives relevant to current page layout and style, reflecting people's visual perception

Summer 2008 **Intel Corporation:** ASP.NET Web Developer – IT Enterprise Integration Engineering

- Developed AJAX web app to assign customer support tickets by integrating error database with iPro ticket web service
- ASP.NET, Visual Basic, C#: Integrated web application into existing DotNetNuke web framework

Summer 2007 **Intel Corporation:** Web Developer and Webmaster – IT Communication

- Developed an internal video portal for Intel's CIO, John “JJ” Johnson, to improve manager-employee communication
- Served as webmaster of internal Intel IT website, implementing website redesign to improve usability

## Extracurricular Activities

2008 – Present **Stanford Association for Computing Machinery:** President and Webmaster ([stanfordacm.com](http://stanfordacm.com))

- Planned numerous campus-wide events, including Stanford faculty dinners, LAN Parties, faculty speaker series, etc.
- Organized recruiting events and info sessions with Google, Yahoo, Lockheed Martin, etc.

2008 – 2009 **Stanford Student Enterprises:** Stanford Internet Solutions – Project Manager Intern ([is.stanford.edu](http://is.stanford.edu))

2006 – 2008 **Oak Ridge Web Team,** Lead Programmer ([orhs.eduhsd.k12.ca.us](http://orhs.eduhsd.k12.ca.us))

- PHP, MySQL: Created and maintaining school website using custom CMS, increased website ad revenue 200%
- Spent 5 hours/week fixing teachers' hardware and software problems, providing excellent customer service

2005 – 2008 **Key Club,** Webmaster and Technology Development Officer ([www.orhskeyclub.com](http://www.orhskeyclub.com))

- Coordinate and manage volunteer service events for 200+ club members, year-round
- Designed and programmed the club website *from the ground up* using PHP, MySQL, XHTML, and CSS
- Features include: Event calendar, photo gallery, announcement system, video showcase, and service hours tracking