

GREG SCHECHTER

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OBJECTIVE

Seeking full-time employment, in software development, where I can enhance users' lives through my creativity and ingenuity.

EDUCATION

University of Illinois

B.S. in Computer Science, minor in Mathematics, May 2009

Champaign-Urbana, IL

GPA: 3.5/4.0

A complete listing of all my projects and accomplishments can be found at this site: <http://gregthebusker.com>

EXPERIENCE

Amazon

Seattle, WA

Software Dev Engineer

August 2009 to Present

- Enhanced the Amazon user base ability to gift, by designing and developing a new gift card ordering interface.
- Leading various front-end performance initiatives within the company and across multiple teams.
- Assisting with site wide advanced image compression research.
- Developed in JavaScript, jQuery, HTML, CSS, and PERL.

Google/YouTube

San Bruno, CA

Software Engineer for YouTube Core Product

Summer 2008

- Developed new features and feature tweaks for YouTube's Discovery team.
- Developed the first iterations of the QuickList Toolbar, which is a persistent bar at the bottom of the screen that allows users to more effectively manage and view their QuickLists and PlayLists.
- Led the proposal to make YouTube the world's largest deployment of semantic markup.
- Set up analytics and developed new user interface for YouTube's click to buy monetization initiatives.
- Developed in JavaScript, HTML, CSS, and Python.

Yahoo!

Sunnyvale, CA

Technical Yahoo for Search Submit and the Yahoo Widgets teams

May 2007 to March 2008

- Created widgets for the Yahoo Widget gallery.
- Automated the billing reports for all of Search Submit's content providers and resellers.
- Developed a variety of hacks which competed in Yahoo's various competitions.
- Won **Best Hack** at Yahoo! Internal Hack Day Summer 2007, the details of which are confidential, as this feature was judged innovative enough to be implemented in the future.
- Developed in Java, JavaScript, and Python.

Motorola

Libertyville, IL

3GSM System Tester

Summer 2006

- Conducted tests on many of Motorola's first 3G cell phones
- Designed and created all software components of an automatic sim dispenser. Using PHP and MySQL, I independently created a web-based system where workers can reserve, check out, and check in SIMs to use for their testing.
- Assisted in the creation of the new mobile devices system test website. Gathered and formatted contact and region specific information for the international regions of our team.

PROJECTS

Schedule

University of Illinois, IL

Founder and developer of www.schedule.com, a scheduling website to assist students with the class registration process

- Created and maintained all data sources for this project
- Wrote numerous scripts in Perl, PHP, and Java to gather information about the Universities, including class information, seating information, and building maps and locations
- Designed and developed both back end support and front end design of many unique features of Schedule

Ocarina 2.0: <http://www.codeplex.com/Ocarina20>

April 2008

- Exploratory development in using breath as a control via game demos using Microsoft's XNA framework.
- Modified an Xbox controller to include a pressure sensor to sense how hard the user is breathing.

Psychic Searcher: <http://schedule.com/~gschech2/Hack/PsychicSearch/>

March 2008

- Web application tool which automatically analyzes what a person is writing about, and provides them with relevant information including websites, news results, and Yahoo Answers. Developed in PHP, YUI, JavaScript, HTML, and CSS

- Independently designed and created a slide rule widget whose main purpose is to teach its users how to use a slide rule.
- This widget includes a traditional slide rule, a cylindrical slide rule, a non-logarithmic slide rule, a hexadecimal slide rule, and a tutorial, along with other features to facilitate computation.
- This widget won **first place** at the UIUC and National University Yahoo! Hack Day competitions.

LEADERSHIP

Primary Student Advisor for UIUC's Web Technology Courses

2008

- With the assistance of a professor created an exploratory course in web technologies to integrate web technology courses into the college's computer science curriculum.

Association of Computing Machinery (ACM)

2005-2009

- Member of SigSoft; a special interest group for software

Engineering Learning Assistant

Fall 2008

- Teacher for an introduction to the college of engineering course at the University of Illinois

Peer Advisor for the Computer Science Department

2008-2009

Yahoo Ambassador

2007-2008

- Organized events for Yahoo, including a student Hack Dinner

PUBLICATIONS

Dynamic style - manipulating CSS with JavaScript, Opera's Web Standards Curriculum

<http://dev.opera.com/articles/view/dynamic-style-css-javascript/>

Personal Blog: <http://gregthebusker.com/blog>

SKILLS

Skilled Computer Languages:

- | | | |
|--------------|----------|--------|
| • JavaScript | • Python | • CSS |
| • AJAX | • SQL | • PERL |
| • PHP | • HTML | • XML |

AWARDS

Yahoo! University Hack Day 2008: Best Music Application

2008 Yahoo! Open Hack Day: Most Impromptu Hack Award

Yahoo! Search Monkey Developer Challenge: **Best Enhanced Result**

Crowe Chizek and Company LLC Outstanding Computer Science Student 2008

Yahoo! Internal Hack Day Summer 2007: **Best Hack** for a confidential project.

Yahoo! Intern Widget Contest: Best Use of Yahoo! APIs

Yahoo! University Hack Day 2006-2007: **First place** for Slide Rule Widget at both UIUC and National competitions

Eagle Scout: 2004