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Shun Chu

OBJECTIVE

To challenge myself as a UI/UX developer with innovative ways to solve complicated user experience problems. With two design degrees and over 10 years of professional experience in web development and management, I speak tech and talk design; I understand scopes from design, front-end and backend development all the way to server-side integration. These skills make me a multipurpose utility knife.

EXPERIENCE

Lead UI Engineer, Gazillion Entertainment, Platform Services Team, San Mateo, CA

Nov. 2009 - Present

Currently the lead UI engineer on the platform services team. UI lead for efforts on heroup.com.

Built a proof-of-concept prototype that single handedly saved the company hundreds of thousands of dollars and months of integration work that sealed the deal with a third-party partner.

Very familiar with issues that deal with CDN deployment using WordPress, Flash, Javascript, server-side sessions and other quirks.

Multitask across multiple concurrent projects between two geographic locations.

Always willing to take on new challenge and learn something new with a can-do attitude.

Development environment includes: CodeIgniter, WordPress, jQuery, MySQL, Unobtrusive JavaScript, advanced CSS, TestTrack, Perforce, svn, vim, IntelliJ IDEA, Memcache, Mac OSX, CentOS, Amazon S3/Cloudfront... etc.

See my LinkedIn Profile & Recommendations: <http://www.linkedin.com/in/shunchu>

Sr. Software Engineer (Interaction), Gazillion Entertainment, SmartyCard Team, San Mateo, CA

May. 2008 - Oct. 2009

SmartyCard is the winner of the People's Choice Award at DEMO 09 and NAPPA Gold Winner 2009.

I was part of a small and highly productive team of developers. I'm a versatile client-facing interaction developer who can comfortably converse with back end application engineers on data-driven interactions. I also worked with Design & UX team to implement design and business specs and often able to make suggestions for better user experience. As part of the launch team, I was pivotal on developing and implementing key user-facing features.

PHP Web Developer/Owner, PowerAtom Technologies, San Jose, CA

Dec. 2004 - Feb. 2009

Web development for database-driven sites and applications using LAMP/MAMP stacks. Highly proficient with the whole stack from front-end to back-end.

Setup e-commerce operations using various open source shopping cart solutions.

Transform Photoshop and Illustrator design specs into highly interactive websites.

Custom WordPress blog setup, template development and custom plugin modification.

MySQL database design, normalization and implementation.

Clients included:

Motomichi Nakamura (award winning artist), Patrick Melton (award winning screen writer), Main's Mini Storage, BSBtv, DUCK Studios (award winning VFX production studio), Carnegie Mellon University, Thunderbird School of Global Management and others.

Business & Technology Strategist, PLANETii USA Inc, San Jose, CA

Apr. 2002 - Dec. 2004

Product research and analysis of K-12 education industry.

Requirements gathering and project planning with developers.

Primary go-to person between developers and business development.

Project Manager, PLANETii USA Inc, New York, NY

Dec. 2000 - Mar. 2002

One of the original founding and launch team members.

Committed the company to open source standards using Linux, Apache and Java as primary technology stack. These significant savings kept the company from going bust when others were spending a fortune on proprietary solutions (Sun/Oracle/WebLogic... etc.) during the 2000 dot-com boom.

Hired all key engineering personnel, including senior Java developers, Flash interaction developer, art director and eventually the CTO.

Facilitated the engineering team to work with the designers.

Curriculum Resources Manager, Savannah College of Art & Design, Savannah, GA

May 1999 - Dec. 2000

Managed high-value lab/facility equipment and resources for the Computer Art department.

Head of 60+ work study students and managed their schedules and daily responsibilities.

Implemented an equipment sign up and check out system that increased efficiency and drastically reduced damage and theft, contributing to greater annual savings on

repairs and replacements.

Systems administration for a mixed environment of high performance Windows and Mac animation/rendering workstations.

SKILLS

Programming

Comfortable with PHP and general OOP web application development & security.
Comfortable with CDN integration and deployment; familiarity with related issues and resolutions.
Comfortable high performance Javascript (closures, execution context, scope chains, DOM, page reflow... etc).
Comfortable integrating PHP and Flash into any existing systems and code base.
Comfortable working with Unobtrusive Javascript, XML, DOM, JSON, REST APIs... etc.
Excellent understanding of how Flash, Javascript and other technologies can work together as a unified solution.
In my spare time, I have flirted with Facebook Connect API, Git/Github, Ruby on Rails, HAML, iOS SDK... etc.
Efficient and fluent in UI/UX mockup software solutions such as Balsamiq and Axure.

Database

Proficient knowledge in database schema design, normalization and implementation.
Understanding of foreign keys, transactions, different database types... etc.

Other

Creative problem solving mindset and skills.
Quick learner. Can pick up pretty much anything with little hand-holding.
Experienced in designing web-based user interface using best practices in usability guidelines and usability design patterns.
Experienced in browser compatibility issues (transparent pngs, child selectors, conditional comments... etc).
Proficient use of advanced CSS methods (box model) and workarounds.
Amature photographer.
I'm fun and pleasant to work with.

EDUCATION

University of California, Santa Cruz, CA

Certificate, Unix/Linux System Management and Administration

Savannah College of Art & Design, Savannah, GA

MFA, Interactive Design and Game Development
Awarded a prestigious Presidential Fellowship.

Savannah College of Art & Design, Savannah, GA

BFA, Computer Art
Awarded a scholarship for outstanding portfolio.
Received **five** prestigious student leadership awards.

EXHIBITS & PUBLICATIONS

Publication

2002, "Artvo", 11th International Symposium on Electronic Art, Nagoya, Japan
1998, formZ Annual Catalog showcase

Exhibit

2000, "Intersection", Group Exhibit, Installation, Savannah, GA
2000, "Alt+Space", Group Exhibit, 3D Animation and Installation, Savannah, GA
1999, "Painting Pixels", Personal Exhibit, Installation and Performance Art, Savannah, GA