

# YOEUN PEN

DEVELOPER

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## EXPERIENCE

### **Interactive Designer & Prototyper: Microsoft Corporation, Surface (Contractor, Sakson & Taylor)**

*November 27 2007 to January 13 2010*

Developed interactive prototypes in Flash (AS3) and WPF that were used to explore and test new interaction models. Created XAML assets in Expression Blend and incorporated them into projects, which required in-depth knowledge of C#. Actively participated in interaction design critiques, discussions and brainstorming.

### **Lead Web Developer: Bullseye Creative**

*August 25 2005 to August 31 2007*

Created custom CMS solutions for customers using PHP and MySQL. These CMS included features such as file upload, image resizing and cropping, AJAX and dynamically-generated PDF and Excel documents. Involved in the planning and development of all dynamic Flash websites. Built reusable Flash remoting components. Developed mostly in PHP, Javascript, Actionscript, MySQL and CSS. Occasionally developed in ASP.NET and MS SQL.

### **Web Developer: University of Washington**

*March 31 2003 to June 30 2005*

Full responsibility for the redesign of the SAUF, HUB Reservations, SCC Reservations, SAO and RSO websites. SAUF runs the student union buildings, handles events and student organizations. Developed web applications featuring events calendar, event reservation, login/access restriction and club registration. Duties included extensive programming (PHP, MySQL, Javascript), graphic design, website administration, training and project management

### **IS Intern: The Boeing Company**

*Aug 1 2001 to Sept 25 2003*

Created website for the CDG/Batch Application Support group. Developed an ASP web application for helpdesk service request system. Integrated ASP, Perl, JavaScript, and SQL.

### **Applications Analyst: The Boeing Company (Contractor by Adecco Technical)**

*Aug 2 2000 to Aug 1 2001*

Provided customer support for critical engineering and finance applications. Used trouble-shooting and problem solving skills--crucial for tight airplane production deadlines. Investigated error logs and resolved problems on UNIX servers

## EDUCATION

### **University of Washington**

*Sept 25 2000 to June 11 2005*

3.31 cumulative GPA with 19 Advanced Placement credits

Bachelor of Science in Biochemistry, Bachelor of Science in ACMS (Applied Computational and Mathematical Sciences)

## SKILLS

Expert level in PHP, Flash Actionscript (AS3), Javascript, JSON, AJAX, XHTML, CSS, and XML

Proficient in Objective C, C++, C#, XAML, ASP.NET, Java, Python, SQL, VBScript and XSLT. Some Ruby and Perl

Web site design, authoring, and management (Apache and IIS)

SQL database creation and management (MySQL, PostgreSQL and MS SQL)

Modern web development using AJAX, Prototype, Scriptaculous, YUI, MooTools, XHTML and full CSS layouts (i.e., Web 2.0)

Mobile phone development (iPhone, Android and mobile browser)