**Talbert A. Tso**

**Address:** 4429 E Wintergreen Rd **Phone:** 928.699.8755 **Email:** talbert.tso@nau.edu

Flagstaff, AZ 86004

**Skills:** *Languages/Scripts*: C#, Java, JavaScript, JQuery, CSS, HTML, XHTML, SQL, PHP, C/C++, Scheme, Python

*Applications/Frameworks*: MS Visual Studio, MS SQL Server Management Studio, MS Visio Studio, ASP, .NET Framework, Visual Log Parser, Ektron CMS, Bootstrap, Tortoise SVN, Paint.NET, Adobe Photoshop, Adobe Contribute CMS, Adobe Dreamweaver, Eclipse IDE, TextPad, Sublime Text, VIM, MyPhpAdmin, MySQL, Mercurial Source Control Management (SCM), GIMP, Rational XDE Tester, DropBox, Microsoft Office: Word, Excel, Publisher, and Access

*Platforms*: Windows: 10, 8, 7, Vista, XP, 2000; Unix

**Employment**

**History:** *Computer Programmer, Assistant* – Extended Campuses, NAU Flagstaff, AZ Nov 2011 – Present

* + - * Resolved technical and software related issues submitted by clients
      * Edited, modified, and added additional functionality to public and administration web pages using several programming language
      * Assisted co-workers with questions, coding issues, and development processes. Including training in Ektron CMS
      * Mentored and assisted student workers about system complexities and coding standards
      * Collaborated with Designers to transition design documentation to code implementation; including the transition to responsive web page design

*Student Worker Web Programmer* – Extended Campuses, NAU Flagstaff, AZ Nov 2010 – Nov 2011

* + - * Resolved technical and software related issues submitted by clients
      * Edited, modified, and added additional functionality to public and administration web pages
      * Generated reports based on web entry log files
      * Used Visio Studio to generate graphical mapping of network system
      * Designed and proposed new database table to integrate into existing web application

*Information Technologies Specialist* – W.L. Gore & Associates, Inc. Flagstaff, AZ May 2010 – August 2010

* + - * Learned the procedure of dispatching to and responding to automated error response system
      * Diagnosed computer issues, imaged computers, transitioned associates workstations, and answered associate questions
      * Performed maintenance of electronic equipment, including projectors and televisions.

*Level 2-Software Engineer Co-op* – IBM Tucson Tucson, AZ May 2008 – August 2008

* + - * Diagnosed technical issues of DFSMS Partitioned Data Sets Extended (PDSE) from IBM clients
      * Learned the procedure of dispatching to a Problem Management Record, a customer submitted problem record
      * Cooperatively worked with team member to evaluate and resolve errors in department specific notification programs
      * Collaborated, remotely, with other IBM Employees from Poughkeepsie, NY and Raleigh, NC
      * Modified and added functionality to the PRMAlert application

*GUI Automation Tester Intern* – IBM Tucson Tucson, AZ May 2005 – August 2005

* + - * Ensured the GUI for a web-based server site executed flawlessly
      * Receptivity learned Rational XDE Tester – An application that executes user-like actions on other applications
      * Supervised over colleague’s education over Java coding and Rational XDE Tester software
      * Tested GUI elements using Rational XDE Tester
      * Presented Rational XDE Tester software to managers and co-workers alongside colleague

**Education:** Bachelor of Science: Computer Science – Northern Arizona University Flagstaff, AZ May 2012

**Interest:** Studying and understanding user interface principles to integrate the ideals of functionality and design. Develop and modify program applications with efficient functionality. Apply/develop program applications and web pages with aesthetic design practices. Develop marketing materials and design elements.

My name is Talbert Tso. I am applying for the Web Developer position at the Extended Campuses, Job #600543. My background in Computer Science and my previous work experience at various companies and at Extended Campuses Technical Team makes me a strong candidate for this position.

I have over 10 years of experience with working with web based projects. Starting in 2003, I created my first basic web page using only HTML. Gradually, I have learned a multitude of scripting languages and styling standards to produce dynamically responsive web pages that integrate with back end code support.

During my studies at Northern Arizona University (NAU) I have worked on several projects that all lend towards my experience in design and structure of user interface applications. These projects include: creation and editing web pages that display static and/or dynamic information, web pages that have interactive elements, creation and maintenance of web services sites, software application and web development with strong emphasis of usability by end clients, and project development life cycle simulations to produce effective and efficient code. I have played different roles when in a group project; I have been both the follower and the leader for these groups. In one instance of being a leader of a group project, I learned the importance of evaluating the strength and weakness of your team members to effectively get a project completed. I later applied what I had learned from that group project and lead another group project to a very successful business simulation.

The Senior Design Capstone Experience was a culmination of all that we have learned during our time as students. We formed teams of code developers and simulated a company with a client. Our teams would diagnose and break down the issue the client presented and the team would analyze and provide a solution with a timeframe to implement the solution. For this project, I maintained the teams web site and created the brand/logo in addition to my coding responsibilities. My greatest contribution for the team was my communication of project scope and timeline to our professors. This allowed for a 100% completion of our project within a one semester term.

In addition to my career as a student, I maintained a student worker position at the Multicultural Engineering Program (MEP) in the College of Engineering, Technology, Natural Sciences and Forestry at NAU for 6 academic years. In addition to regular clerical student work, I was the web programmer for the MEP department web page. My responsibilities as the web programmer was to maintain and edit the web page. This web page was managed through Adobe Contribute and I assisted in the transition between Contribute versions. I also played a big part in shifting the style of the page to match the NAU styling standards.

Currently, I am a Computer Programmer, Assistant for Extended Campuses and some of the projects I have worked on have included Ektron web page development with the .NET Framework, custom Google Map interfaces, custom Google Search Engine interfaces, and custom email generation via Email Campaigner. I believe that my greatest contribution lies in transferring design work from a media distribution service or design documentation and turn them into working, functional, and visually appealing web pages, using a combination of JavaScript, JQuery, and CSS stylizations.

In addition to my skills in code, I also have experience in creation of marketing materials and logo design. Using MS Publisher and Paint.NET I created several flyers for both MEP and the student chapter NAU Association for Computing Machinery (ACM). I have also had experience using large printers to create posters advertising the ACM event Digital Carnival. While having no formal training in advertising design I was given much acclaim for these marketing materials. I have design many logos for the MEP and MEP associated events, STEP-UP and TEC-UP. For the EC Tech Team I have extended my work in logo design to create the widget associated images.

It is for all these reasons, my skill set in coding and job experience that makes me a desirable employee for the position of Web Developer for Extended Campuses.**References:**

**Dennis Spurlin**

Application Systems Analyst, Programmer Sr

The Extended Campuses of Northern Arizona University

(928) 523-6334

**Jason Robinson**

Web Designer

The Extended Campuses of Northern Arizona University

(646) 256-9059

**Damien Coy**

Application Systems Analyst

The Extended Campuses of Northern Arizona University

(928) 864-7628