**Ryan Niemann**

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**Objectives**

I am interested in working as a developer for mobile devices, the Internet, and Mac OS X. Specific areas of development that interest me are developing applications related to social media, drawing, photo editing, graphics, games, music, audio, writing, language, productivity, education, and research.

**Education**

UNIVERSITY OF TEXAS-*Austin, TX*

**Bachelor of Science: Computer Science** **Expected graduation: May 2014**

NATIONAL UNIVERSITY-*La Jolla, CA*

**Master of Arts: English** (GPA 3.76) **July 2009**

FAYETTEVILLE STATE UNIVERSITY-*Fayetteville, NC*

**Credential: Teaching Secondary English** **December 2010**

EXCELSIOR COLLEGE-*Albany, NY*

**Bachelor of Science: Liberal Studies** (GPA 3.67) **May 2003**

DEFENSE LANGUAGE INSTITUTE-*Monterey, CA*

**Associate of Arts: Korean Language** (GPA 3.9) **May 2003**

COMMUNITY COLLEGE OF THE AIR FORCE-*Maxwell AFB,* *AL*

**Diploma: Electronic Principals** (GPA 4.0)  **July 2004**

**Diploma: Computer Network, Cryptographic, and Switching Systems** (GPA 4.0) **Jan 2005**

MESMER ANIMATION LABS-*San Francisco, CA*

**Certificate: Level I Maya Computer Animation Jan 1999**

**Experience**

GLOS-*Austin, TX*

***Mobile Developer* 2013**

* Co-developed Glos Guide for Journalists app for Apple iPhone
* Coded about 50 percent of the application
* Created custom UI elements with Adobe Illustrator and Photoshop

UNIVERSITY OF TEXAS-*Austin, TX*

***Mobile Developer / Research Assistant* 2013**

* Co-developing an app for UT’s School of Information and School of Nursing that will enable senior citizens to create diet plans and easily monitor their food intake to help treat certain health conditions.
* Interviewed study participants, collected data, and assisted with writing and editing articles
* Designing a User Interface that will be easy for senior citizens to use

UNIVERSITY OF TEXAS-*Austin, TX*

***Web Developer***

* Developing a webpage for the University of Texas Library’s VOCES of Oral History Project **2013**
* The webpage will allow users to upload submissions for the Share Their Voices documentary project and view past submissions.

SAN ANGELO INDEPENDENT SCHOOL DISTRICT-*San Angelo, TX*

***Substitute Teacher* 2011**

* Substituted for all subjects in grades 9-12.

FAYETTEVILLE STATE UNIVERSITY-*Fayetteville, NC*

***Private Writing Coach/Editor*** **2010**

* Edited dissertations.
* Coached candidates in the Educational Leadership PhD Program on research and academic writing.

CROSS CREEK EARLY COLLEGE HIGH SCHOOL-*Fayetteville, NC*

***Student Teacher*** (English Grades 9-12)  **2010**

FAYETTEVILLE STATE UNIVERSITY WRITING CENTER-*Fayetteville, NC*

***Writing Assistant***  **2009**

* Coached college students in academic writing and research.
* Edited essays, research papers, theses, and dissertations.

***Private Tutor***  **2008-2010**

* Taught English and ESL to high school students, college students, and adult learners.

KERR DRUG-*Raleigh, NC*

***Assistant Manager/Pharmacy Technician/Health Care Specialist*** **2007-2008**

* Managed store: opened/closed, payroll, deposits, refunds.
* Pharmacy technician: filled prescriptions, ordered supplies, kept inventories.
* Managed Durable Medical Equipment Section: ordered equipment, filed medical insurance claims, instructed customers on proper use of equipment, and provided customer service.

UNITED STATES AIR FORCE

***Strategic Communications Supervisor/Maintainer* 2004-2007**

* Supervised strategic communications shop of 24 people.
* Trained new Airmen.
* Maintained communication equipment for the nations largest nuclear weapons base.
* Dispatched to the missile field to repair components in secure and non-secure telephone systems, networks, computers, and various other electronic systems.
* Troubleshot and repaired communication equipment at the component level. This included soldering, replacing circuit cards, bench-checking the equipment etc.
* Other Responsibilities included training new Airmen; preparing for major inspections; and managing our shop's tool, safety, and self-inspection programs.

***Korean Linguist*** **2001-2004**

* Worked w/instructors at the Defense Language Institute to develop the Korean language curriculum.
* Converted 20 units of the Korean Basic Course to a digital format.
* Updated color graphics; set and tested audio links embedded in the text; and loaded revised material, Korean language packages, operating systems and other specialized software onto 45 TEC-II computer suites.
* Processed over 2,000 unit test grades into a spreadsheet format. The provost of DLIFLC used this data for a comparative analysis of nearly 200 students’ performance during the Korean Basic Course against the same students’ performance on the new forms of the Korean Defense Language Proficiency Test. The results of this analysis directly improved the quality of instruction in the Korean program.
* Assisted the Asian School III’s Academic Specialist in editing the audio files for 13 of the Korean course’s 20 instructional units. Proofread and offered corrections to the English text of 14 assessment tests.
* Assisted the schools Information Technology Officer in the efficient management of computer resources for over 80 Korean instructors and other school staff. This assistance ranged from installing operating systems, software specific to the Korean school, and security patches on over 40 computers to correctly connecting these computers to the institute’s local area network.
* Used knowledge of the Korean language and culture to tactfully and diplomatically deal with school staff and improve the efficiency of school operations as faculty adapted themselves to Technology Enhanced Classroom-II equipment, and to work on various projects that benefited faculty, staff and students in the school.
* Assisted with the inventory of over $500,000 worth of electronic equipment.

**Honors and Awards**

* Won Best Overall App at University of Texas App Demo Day for developing Glos Guide, 2013.
* Glos Guide ranked in the top 50 paid research apps on Apple’s App Store.
* Korean Consul General Award for outstanding achievement in Korean language, 2003.
* Graduated Cum Laude from Excelsior College.
* Graduated with honors from National University and The Defense Language Institute.
* Distinguished graduate, Community College of the Air Force.

**Presentations and Research**

* Working on research at the University of Texas related to UI design for the iPad, 2013.
* Presented academic writing seminar for over 300 participants at Fayetteville State University, 2009.
* Conducted research on embedding memory-enhancing techniques into lessons at Fayetteville State University, 2009.

**Relevant** **Skills**

* Experience with mobile app development for iOS, website design, developing online and interactive courseware, computer networks, graphics, 2-D and 3-D animation, and computer repair.
* Familiar with Xcode, Objective-C, Cocoa, Java, Eclipse, Visual Studio, Visual Basic, ANSI C, C++, JavaScript, CSS, and HTML.
* Experience with iWork and iLife software, Microsoft Office, Moodle, Adobe Photoshop, Dreamweaver, Flash, Flash Builder, Illustrator, InDesign, Soundbooth, After Effects, Premiere, Captivate, Acrobat, 3D Studio Max, Softimage, and Maya.
* Familiar with Mac OSX and iOS, UNIX, and Windows.
* Fluency in Korean, Japanese, and Spanish languages.