

Ryan Niemann

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Objectives

Desire a challenging position, working with other highly motivated individuals, where I can utilize my knowledge, proficiency, and skills as a full stack web developer to contribute to interesting web projects while increasing my technical abilities through interaction with other talented developers. I enjoy learning the latest emerging web technologies to develop cutting-edge applications, strive to create rugged and reusable code, and embrace the DRY principal of software development and responsive web design.

Education

UNIVERSITY OF TEXAS - *Austin, TX*

Bachelor of Arts: Computer Science

Dec 2014

NATIONAL UNIVERSITY - *La Jolla, CA*

Master of Arts: English (GPA 3.76)

July 2009

FAYETTEVILLE STATE UNIVERSITY - *Fayetteville, NC*

Credential: Teaching Secondary English (GPA 4.0)

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

Presentation Layer Engineer, Razorfish; Austin, TX - 2015

- Responsible for writing code based on design specifications
- Use CoffeeScript, Jade, SASS, JsRender, Wintersmith, Underscore, and other technologies to develop large-scale web applications and prototypes for multiple clients
- Work as a team member on large accounts
- Review and analyze information architecture/wireframes
- Shift between a creative and a technical focus depending on the project need and/or the type of project
- Research and learn emerging technologies
- Participate in the greater Presentation Layer Community
- Follow standard policies and procedures and recommend improvements as appropriate

Web / Mobile Developer, TapSavvy; Austin, TX - 2014

- Developed front-end code of TableTalk restaurant analytics web application
- Created iOS demo application to test iBeacon capabilities in restaurants

- Updated web applications to be responsive and usable on mobile devices
- Employed latest web technologies: HTML5, Jade, CSS3, Stylus, JavaScript, CoffeeScript, Bootstrap, AngularJS, Polymer, Node, Underscore, RequireJS, Express
- Managed projects with Trello and maintained source control using GitHub
- Utilized npm and Bower for package management and Grunt task runner to automate builds
- Debugged and troubleshoot code with Chrome, Safari, and Firefox development tools, and WebStorm IDE debugging tools to reduce errors and enhance user experience
- Tested code using Karma test runner and Mocha / Jasmine testing frameworks

Web Developer / Designer, University of Texas; Austin, TX - 2014

- Developed webpage for the University of Texas Library's VOCES Oral History Project
- Edited content photos for the site
- Created responsive web design to optimize user experience on mobile and desktop browsers
- Enhanced site with latest web technologies: HTML5, CSS3, JavaScript, Gumby framework

Mobile Developer, Glos; Austin, TX - 2013

- Co-developed Glos Guide for Journalists app for iOS
- Coded approximately 50 percent of the application
- Created custom UI elements with Adobe Illustrator and Photoshop

Mobile Developer / Research Assistant, University of Texas; Austin, TX - 2013

- Co-developed an app for UT's School of Information and School of Nursing that will enable senior citizens to create diet plans and easily monitor food intake to help treat certain health conditions
- Collected and analyzed data, reviewed apps, and assisted with writing / editing articles
- Designed a user-friendly interface for users previously unfamiliar with mobile devices

Substitute Teacher, San Angelo Independent School District; San Angelo, TX - 2011

- Substituted for all subjects in grades 9-12

Private Writing Coach/Editor, Fayetteville State University; Fayetteville, NC - 2010

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

Student Teacher (English Grades 9-12), Cross Creek Early College High School, Fayetteville, NC - 2010

Writing Assistant, Fayetteville State University Writing Center; Fayetteville, NC - 2009

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

Private Tutor, Fayetteville, NC - 2008-2010

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

Assistant Manager/Pharmacy Technician/Health Care Specialist, Kerr Drug; Raleigh, NC - 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

Strategic Communications Supervisor/Maintainer, United States Air Force - 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
- Troubleshoot 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, United States Air Force - 2001-2004

- Worked with 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 school's 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

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

Relevant Skills

- Full stack web development
- iOS development
- Web, mobile, and interaction design
- Software engineering and software design
- Object oriented programming
- Languages: JavaScript, CoffeeScript, HTML5, Jade, XML, JSON, CSS3, Objective-C, Java, ANSI C, C++, Python
- CSS preprocessors: Stylus, SASS, LESS

- Platforms/frameworks: Node, AngularJS, Polymer, React, Express, Underscore, Backbone, Bootstrap, Gumby, jQuery, Django, Spring
- Databases: Oracle, MySQL, PostgreSQL, MongoDB
- UML
- Version control: Git, GitHub, Subversion
- Unit and functional testing
- Prototypes and mock-ups
- 2-D / 3-D modeling and animation
- Vector graphics
- Photo, sound, and video editing
- Xcode, WebStorm, IntelliJ, Eclipse, and other IDEs