

Department of Computer Science  
University of Nevada Las Vegas  
702-895-4852

**PERSONAL  
SUMMARY**

I have 4-years' experience teaching college courses at the graduate and undergraduate levels in both traditional and online classes. I have 10-years' experience in the defense industry with expertise in aviation, leadership and management, security, and defense contracting. I am proactive, detail-oriented, and exercise good judgement under pressure.

**EDUCATION**

*Doctor of Philosophy*, Computer Science (in progress, currently ABD)  
University of Nevada, Las Vegas, NV, expected May 2019

*Master of Science*, Computer Science  
University of Nevada, Las Vegas, NV, May 2014

*Bachelor of Science*, Computer Systems Engineering  
University of Arkansas, Fayetteville, AR, May 2001

*Associate of Arts*, Biblical Studies  
Ouachita Baptist University, Fayetteville, AR, May 2001

**EXPERIENCE**

*Lecturer, Undergraduate Coordinator* Jan 2014 – present  
University of Nevada, Las Vegas

Teach 3-4 courses each semester in introductory and intermediate programming, web development, and databases. Develop 3 online courses using the Blackboard course management system. Department liaison for university web communications. Manage departmental faculty mentor program. Review undergraduate petitions and graduation requirements. Oversee development and coordination for select undergraduate courses. Approve transfer credit evaluations. Decide recommendations for pre-requisite waivers. Chair of departmental undergraduate curriculum committee.

*Graduate Student* Sep 2014 – present  
University of Nevada, Las Vegas

Working toward PhD in Computer Science with an emphasis area in Information Retrieval using Formal Concept Analysis. Currently ABD with expected dissertation defense in the Spring 2019 semester.

*Graduate Student* Jan 2012 – May 2014  
University of Nevada, Las Vegas

Completed degree requirements for MS in Computer Science with an emphasis area in Databases and Information Retrieval using Formal Concept Analysis.

*Zappos.Code()*  
Zappos, Inc.

Jul 2012 – Aug 2012

First ever Tech University class at Zappos, Inc. 6-week training course/internship targeted towards advanced computer science/web development topics. Worked with Java and Spring MVC web development frameworks; culminated term as part of a team that designed and migrated 3.2 million reviews through a filter process onto 6pm.com product web pages.

*F-15E Weapons Systems Officer*  
United States Air Force

May 2001 – Jan 2012

Conducted air-to-air and air-to-ground operations as aircrew in F-15E Strike Eagle. Designed electronic warfare plans for 3 operational fighter squadrons. Board member for approving aircrew qualified to North Atlantic Treaty Organization certification standards. Directed security and installation of classified programs and administered security policy and procedures of classified material for more than 80 personnel. Governed testing and training venue for the world's largest military bombing range. Oversaw 50+ contract workers responsible for maintaining 1800+ testing and training assets. Evaluator for two of the largest US Air Force contracts totaling more than \$40 million. Executed \$5.5 million annual budget.

## **PUBLICATIONS**

Hall, G., & Taghva, K. (2017). Extracting Personal Names Using Formal Concept Analysis. *Knowledge, Information, and Creativity Support Systems (KICSS), 2017, 12<sup>th</sup> International Conference on*, (to appear).

Hall, G., & Taghva, K. (2015). Using the Web 1T 5-Gram Database for Attribute Selection in Formal Concept Analysis to Correct Overstemmed Clusters. *Information Technology - New Generations (ITNG), 2015 12th International Conference on*, 651-654.