

ERIK TRICKEL

TRICKEL.COM

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EDUCATION

ARIZONA STATE UNIVERSITY

PhD in Computer Science

Tempe, Arizona

Expected Graduation December 2019

UNIVERSITY OF TEXAS AT DALLAS

PhD in Computer Science

Richardson, Texas

Completed 1 year

SOUTHERN METHODIST UNIVERSITY DEDMAN SCHOOL OF LAW

Juris Doctor

Dallas, Texas

May 2009

- Graduated magna cum laude with a 3.601 and in the top 5%
- Licensed to practice law in Texas in November 2009 (currently inactive)

TARLETON STATE UNIVERSITY

Bachelor of Science in Computer Information Systems

Stephenville, Texas

December 1995

TECHNOLOGY EXPERIENCE

ARIZONA STATE UNIVERSITY

Research Assistant for Dr. Adam Doupé

Tempe, Arizona

August 2016 – Present

- Research software vulnerabilities
- Assist team mates with questions and related issues
- Develop and implement an automated system for deploying capture the flag competitions on Amazon Web Services (www.shellweplayagame.com)

Teaching Assistant for Dr. Adam Doupé (CSE340)

August 2016 – December 2016

- Prepared lectures and presentations for weekly recitation sections
- Managed student relationships on behalf of professor responding to student concerns
- Tutored and mentored students

Teaching Assistant for Dr. Robert Atkinson (CPI101, CSE464)

August 2015 – May 2016

- Created all homework assignments, projects, and exams
- Taught several classes each semester
- Managed student relationships on behalf of professor responding to student concerns
- Tutored and mentored students

Taught ASU 101

August 2015 – May 2016

- Prepared motivational lectures, assignments, and taught classes
- Coached and mentored students

UNIVERSITY OF TEXAS AT DALLAS

Teaching Assistant for Dr. Straach

Richardson, Texas

January 2014 – May 2014

- Graded student papers and answered student questions

Lab Assistant for Professor Vogel

September 2013 – December 2013

- Taught the weekly C programming lab

NUANCESYS

Plano, Texas

Software Developer

November 2010 - Present

- Conceived, designed, developed, and published a complicated tracking and statistical software application for Android devices using Java and SQLite
- Organize, prioritize, and implement the various feature requests made by the application's users
- Created training and educational videos for users

L-3 COMMUNICATIONS (FORMERLY KNOWN AS RAYTHEON)

Dallas, Texas

Principal Engineer

June 2001 – August 2005

- Resolved mission critical business problems by providing both advisory and technical assistance
- Led small and large scale application development projects that relied on Java and Oracle
- Mentored and coached junior programmers
- Created presentations for upper management on complex technology issues

I-BEAM BROADCASTING

Frisco, TX

Advisory Engineer

December 99 – June 01

- Advised senior leadership on technical direction and decisions
- Led small and large scale application development projects that relied on Java and DB2

OTHER EMPLOYERS

Dallas, Texas

Business Systems Analyst

January 1996 – December 1999

- Designed and developed business systems in both mainframe, server, and web environments
- Led small and large scale application development projects that relied on Java, C, C++, Visual Basic, COBOL, DB2, Oracle, and Sql Server
- Debugged production issues on mature and complicated systems

RELEVANT EXPERIENCE

DISPUTE MEDIATION SERVICE

Dallas, Texas

Attorney Mediator

March 2010 - October 2011

- Facilitated the resolution of over 100 court ordered mediations in both family and civil law
- Trained, advised, and developed training material for mediators

MORGAN, LEWIS & BOCKIUS

Dallas, Texas

Summer Associate

Summer 2008

- Researched, drafted, and negotiated various aspects of technology outsourcing agreements

SMU DEDMAN SCHOOL OF LAW

Dallas, Texas

Teaching Assistant for Professor JoAnn Hubbard

Fall 2006 – Spring 2008

Research Assistant for Professor Elizabeth Thornburg

Summer 2006