

DEBRA WILKIE

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Education

Oregon State University

B.S. Computer Science, Post-Baccalaureate

eCampus

March 23, 2018

Relevant Course Work

- *Intro to Databases*: Created schemas, ER diagrams, tables with appropriate foreign key references, SQL queries including joins, grouping and sub-queries
- *Web Development*: Created and hosted website utilizing AJAX asynchronistic post and get requests, with elastic IPs and instances through AWS, ASP.NET, Visual Studio
- *Software Engineering I & II*: Collaboratively created apps and websites through prototyping, and Agile software development to respond to clients and work as a team
- *Mobile and Cloud Development, Capstone Project*: Created mobile apps with Android Studio and Google Cloud Platform webapp2 and created full stack website through Heroku and PostgreSQL

University of Arizona

Doctor of Musical Arts; Voice & Higher Education

Tucson, AZ

December 19, 1996

Indiana University

Master of Music, Bachelor of Music

Bloomington, IN

May 9, 1992; May 6, 1989

Languages and Technologies

C, C++, HTML, Java, JUnit, Maven, Node.js, PHP, Python, SQL

Android Studio, ASP.NET, AWS, GitHub, Google Cloud Platform, Heroku, Linux, PostgreSQL, Visual Studio

Work Experience

Technical College of the Lowcountry

Adjunct Professor

Beaufort, SC

May 2012 – Present

- Created 4 online courses utilizing Blackboard platform software
- Highly developed verbal skills with the ability to develop written directives and present material through PowerPoints, lectures and active discussions
- Resolved conflicts with students regarding grade disputes utilizing the academic policies

Bell Shoals Baptist Church

Database Administrator and Website Designer

Brandon, FL

January 2016 – June 2017

- Improved processes for data retrieval and analysis and resolved problems and after switch from Shelby to Ministry Platform database system for a 5-campus church
- Improved database queries for creation of new classes as well as registration for continuing classes with 300+ students
- Creation database notifications in SQL that emailed appropriate contact of new registrations and required tasks
- Created Excel presentation from SQL queries to analyze the potential for a new church campus site
- Coded new HTML website/database skin to incorporate online payment portal and database account management for church events including mission trip purchase histories
- Integrated new platforms into the website, including Church Online platform for live web streaming, and RightNow media
- Created multiple new HTML pages for launch of 5th campus
- Developed and deployed updated Bell Shoals Academy website
 - Discussed with client (Headmaster) the design needs, created the product
 - Conducted product testing with select feedback group (teachers, parents) and implemented changes
 - Deployed website utilizing SEO

Parris Island Officer Spouses Club

Website Manager and Philanthropy Officer

Parris Island, SC

May 2013 – May 2015

- Modified, updated and maintained website
- Collaborated with agencies and businesses to coordinate 3 volunteer projects
- Created and distributed advertisements/announcements for auction on websites, newspapers, and flyers

Coding Examples

<https://github.com/wilkied/Code-Examples>