

MELISSA DAGLEY

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Aspiring Web Developer

Computer Science graduate looking to make her mark in the web development field. Familiar with both front and back end technologies, including HTML, CSS, JavaScript, PHP, SQL, relational databases, and semantic web technologies. Background in graphic design and art. Also has traditional computer science skills including Java, C++, C#, data structures, and algorithms.

Education

The University of Texas at Dallas, Richardson, TX

degree expected December 2017

MS, Computer Science

current GPA: 3.3

Courses:

- Database Design
- Semantic Web
- Modeling & Simulation
- Web Programming Languages
- Human Computer Interaction
- Artificial Intelligence
- Creative Automata
- Virtual Reality
- Machine Learning

Texas A&M University at Commerce, Commerce, TX

May 2013

BS, Computer Science

GPA: 3.35

Courses:

- Programming Fundamentals I
- Intro to Java
- Database Programming
- Programming Fundamentals II
- Object Oriented Programming
- System Analysis & Design
- Data Structures
- Intro to Databases
- Software Project Development

Rocky Mountain College of Art & Design, Lakewood, CO

April 2009

Graphic Design

GPA: 3.5

Courses:

- Design Concepts & Methods
- User Prototyping
- Visual Sequencing
- Electronic Page Layout
- Web Design
- Sign + Symbol
- Typographic Design
- Digital Editing
- Vector Illustration

Technical Skills

Languages: C++, Java, JavaScript, JQuery, PHP, HTML, CSS, SQL. Some knowledge of C#, AJAX, Lisp, Prolog

Adobe Suite: Photoshop, Illustrator, InDesign, Dreamweaver, Acrobat. Some knowledge of Premiere Pro

Additional Software: Visual Studio, NetBeans, Android Studio, Brackets, MAMP, FileZilla, Microsoft Office Suite, Visio

Additional Web Tools: Some knowledge of XML, JSON, RDF, SPARQL, Semantic Web Technologies. Very limited knowledge in RESTful services, Ruby on Rails.

Student Projects*

Online Bookstore

Spring 2017

The goal of the project was to create a website for an online retailer. The products needed to be displayed and use pagination. There needed to be a search and filtering for products. There needed to be a way to register and login. And there needed to be an admin account so that products could be added, deleted, or edited. Orders also needed to be placed, though a payment process did not need to be implemented. We also needed an order history page that could be filtered. This project utilized a relational database, HTML, CSS, JQuery, PHP, and Ajax.

Pedometer

Fall 2016

This was a team project developed with one partner. This is an android app that was developed using Java in Android Studio. The user can set different goals, either steps, distance, or time. A goal period starts when the user presses the start button. Periods can be paused and restarted, or the user can press the stop button and end a session. The data from each period is saved and users can look at the statistics for each period. The app uses the phone's sensors to calculate the number of steps taken by the user during each period.

Online Arcade

Spring 2013

This was a capstone project created with two partners. The goal was to create a website, hosting java games, that allowed users to play and record/view high scores for each game. This project utilized a relational database, HTML, CSS, and PHP. The project was created using a complete software design lifecycle.

*Please visit www.mdagley.com to view more projects