LAUREN MCMANAMON

SOFTWARE//WEB DEVELOPER

CONTACT

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SKILLS HIGHLIGHTS

Programming

C++
C#
Java
Javascript
Processing
jQuery
Python
PHP
mySQL
XML
HTML5
CSS3
GSAP

Software + Technical Skills

Microsoft Visual Studio
Software Testing (Coded UI)
Agile / Scrum Methodology
UI/UX Design
Apple Xcode
Adobe Photoshop
Autodesk Maya
Google Analytics
GitHub

Recent Coursework

Senior Design
Fundamentals of Algorithms
Software Engineering Principles
Technical Entrepreneurship
Introduction to 3.D. Animation
Digital Logic Design
Engineering Management
Programming Languages

EXPERIENCE

Fidelity Investments
Technology Intern (Westlake, TX)   *May 2014 - August 2014*

- Proved the advantages of switching from HP QuickTest Professional to Coded UI
- Designed and built out the new Coded UI framework using Page Object Models
- Altered the Coded UI framework to handle the newest software upgrade
- Wrote QA tests using Coded UI to reduce time during regression

DRS Technologies
Computer Science Co-Op (Richardson, TX)   *January 2014 - May 2014*

- Reimplemented legacy test software for the new environment
- Created new software for various Focal Plane Arrays (FPAs) and cameras
- Created an online UI for entering and accessing various FPA information

Mercury Radio Arts
Production Intern (Las Colinas, TX)   *January 2013 - April 2013*

- Sat in on the daily producer's meeting, acquiring notes for the day's segment
- Found, researched, and booked interesting and appropriate guests
- Provided written summaries on various political publications
- Worked on a long-term programming project, involving the Xbox Kinect
- Found and ordered the needed props, costumes, and miscellaneous items

SMU Biometrics Lab
Lab Researcher (Dallas, TX)   *January 2012 - June 2013*

- Collaborated on the keyboard dynamics project
- Researched genetic algorithms and using them to identify typing patterns
- Assisted with the segmentation of the images gathered for the iris project

Projects
Virtual SCADA, Capstone Project (Dallas, TX)   *August 2014 - May 2015*

- Building a Supervisory Control and Data Acquisition virtualized platform
- Implementing the emulation for selected vendor products
- Ability to include additional products in the future

Whisky Devil, Study Abroad Project (Edinburgh, U.K.)   *July 2013 - August 2014*

- Creative computation project utilize data from all of Edinburgh's local pubs
- Algorithmically-generated "pub portraits" on an interactive map

EDUCATION

Southern Methodist University, Class of 2015   *Dallas, TX*
Bobby B. Lyle School of Engineering, B.S. in Computer Science [GPA: 3.3/4.0]
- S.M.U. Distinguished Scholar Engineering Fellows Scholar
- Sewell Merit Scholarship
- National Society of Collegiate Scholars

ACTIVITIES + POSITIONS HELD

Mustang Mavericks, Dance Team
- Captain: January 2013 - November 2013, Social Chair: September 2012 - December 2012
- Acquired the team's first sponsor (Gameday Boots), first opening at Billy Bob's Texas, and first opening for the Dallas Mavericks at American Airlines Stadium

Alpha Chi Omega, Iota Sigma Chapter
Society of Women Engineers
- Rho Gamma: August 2013 - Present, Historian Chair: January 2013 - August 2013
- Website Chair: August 2011 - August 2013