Matthew Whitesides

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Education:

Bachelors of Science in Information Technology
University of Missouri - Columbia, MO
Minor in Computer Science
Graduated: May 2015
Cumulative GPA: 3.45

Associate of Arts
Moberly Area Community College - Columbia, MO
Emphasis in Computer Science
Graduated: May 2012

Technology:

- **Programming Languages & Frameworks:** C, C++, C#, .Net Framework, Java, Groovy, Swift, HTML, JavaScript, CSS, PHP, SQL, Qt
- **Platforms Developed For:** Windows, Linux, Android, Windows Phone, iPhone
- **Database Systems:** PostgreSQL, Oracle
- **Applications:** Autodesk: Maya, 3ds Max, Mudbox | Unity 3d | Adobe: Premiere Pro, After Effects, Photoshop | Microsoft: Visual Studio, Visio, Excel | Eclipse, GGTS | Apple: Xcode | Qt Creator
- **Graphics Programming Interfaces:** OpenGL
- **Additional Interests:** Graphics Programming & 3D Modeling, Visual Effects Editing, Mobile App Development, User Interface Design

Noteworthy University Projects:

- **Mizzou Rec Center Network Management Application:** A small team project where we developed a web application that managed data and statistics on the usage of individual network ports in the system. This was used to assist with proper billing of resources.
- **iOS HealthKit Mobile App:** A semester long project that focused on tracking an individuals activity levels and diet to generate suggestions and track the users lifestyle.
- **Various CGI Short Films:** My main hobbies and side projects consist of of graphics programming, modeling and animation for short films and interactive games.

Relevant Coursework: Advanced Animation & Modeling, C#/.Net Development, Software & Hardware: Integrating Technologies, Mobile App Development, Computer Graphics

Work Experience:

Boeing Co
5890 North Lindberg Blvd, Hazelwood, Missouri 63042
(314) 232-0232
June 2015 - Present
Programmer Analyst I/2

University of Missouri
201 Engineering Building West, Columbia, MO 65211
(573) 882-2121
August 2014 - May 2015
Undergraduate Teaching Assistant for CS2050 Algorithm Design & Programming II

Give weekly lectures over intermediate to advanced C programming including binary trees, linked lists, recursive search and sorting functions, memory management and much more cool stuff. Duties also include grading of lab homework, lab assignments and projects. Additionally would tutor students individually and hosted open office hours.

Carfax, Inc
2301 Maguire Blvd, Columbia, MO 65201
(703) 934-2664
May 2014 - August 2014
Data Technologies Intern

Assisted and developed new ways of using machine learning to assist in natural language processing problems. Working in Java and Groovy we incorporated OpenNLP applications into existing apps.

Dunn Brothers Coffee
1412 Forum Blvd, Columbia, MO 65203
March 2011 - May 2014
Barista & Roast Master

The Bouldering Garden: Columbia's Climbing Gym
5400 St. Charles Rd, Columbia, MO 65203
June 2010 - January 2014
Outdoor Rock Climbing Instructor & Personal Trainer

For more information please visit:
MattWhitesides.com, github.com/mattwhitesides and linkedin.com/pub/matthew-whitesides/a0/879/429