Michael Satzinger
UX & Interaction Design

23 Maryland Ave Pikesville, MD 21208   **Mike.Satzinger@gmail.com**
(516) 983-2667   **Portfolio - goo.gl/iEMi3M**

Objective

Doctoral candidate looking to apply skillset and experience in user research, interaction design, programming, and game development to a UX design position in the VR and game development industry while completing a dissertation studying interaction design for virtual reality.

Professional Summary

Broad knowledge across several fields with high aptitude for problem solving and learning. Academic research on virtual reality and human-computer interaction. Academic projects in digital and paper prototyping for user interface design, user research, and information architecture. Experience programming in Java, C#, JavaScript, ASP, SQL, PHP, MySQL, HTML, CSS, ADO objects. Professional experience in 3D modeling for mechanical design.
Software used: Unity, 3ds Max, Photoshop, Axure, Mechanical Desktop, Eclipse IDE, MS Visual Source Safe, SQL Server

Employment History

University of Baltimore -Baltimore, MD   Adjunct Professor   5/15 to present
     -Courses: Advanced 3D Modeling, Level Design, Programming II, Database Systems, Advanced Web Development

Towson University -Towson, MD   Adjunct Professor   9/15 to present
     -Courses: Elements of Game Design

University of Baltimore -Baltimore, MD   Graduate Assistant   9/14 to 5/16

Ridgely Middle School -Timonium, MD   Special Ed Teacher, Math   8/11 to 6/13
     -Teaching 6th Grade Pre-Algebra to students with emotional disabilities in a self-contained classroom
     - Administer special education testing, services, and maintenance of records for individual students

Construction
CFM Engineering Inc. - Millersville, MD   Industrial Electrician (contract)   8/09 to 6/11
R.S. James Electric - Enola PA   Electrician   7/08 to 12/08
Off Penn Properties - Philadelphia, PA   Carpenter   3/06 to 8/06
Woodshop Inc. - Philadelphia, PA   Carpenter   9/04 to 3/06

Programming
Direct Insite Inc. - Bohemia, NY   Web Applications Engineer   8/00 to 8/02
     - Manage databases using SQL Server 2000 & SQL Server 7.0
     - Using Microsoft Visual InterDev and Visual Studio .NET to develop web sites in ASP, JavaScript, and HTML languages.
     - Configured web servers for hosting secure websites.

3D Modeling
B/E Aerospace Inc. - Holbrook, NY   Mechanical Designer   8/99 to 8/00
     -Mechanical Design of lighting fixtures for the aerospace industry.
     -Use of AutoCAD R14 and Mechanical Desktop to create 3-D models, detailed drawings, and renderings for prototyping.

Multiline Technology - Farmingdale, NY   Mechanical Designer   11/98 to 8/99
     -Mechanical Design of production machines for the circuit board industry.
     -Use of SDRC Ideas and CADKey for Windows to create 3-D models and detailed drawings and documentation.

AIL Systems Inc. - Deer Park, NY   Draftsman Class "A"   2/98 to 11/98
     -Use of Bravo Designer and AutoCAD R14 to create 3-D models and detailed drawings and documentation.
     -Mechanical design of circuit board housings for military applications.

Education

University of Baltimore   - (currently) DS program in Information and Interaction Design (Sept. 2015 – present) GPA: 3.92
          - Graduate Certificate program in Digital Media Production (May 2015) Final GPA: 4.0
          -30 credits in the Simulation and Digital Entertainment program (Sept. 2013 – May 2014) Final GPA: 3.97
Goucher College   -Masters of Arts in Teaching (August 2014) Final GPA: 3.88
SUNY Farmingdale   -Bachelors of Science in Manufacturing Engineering Technology (Dec. 1999) Final GPA: 3.83
Polytechnic University   -2.5 years in Computer Engineering program. (Sept.1994 - May 1997)

Other Interests

6 years teaching summer robotics and technology camps.
14 years crafting handmade electric guitars and basses.
8 years playing music and touring across the United States.

references furnished upon request