

Micah L. Bojrab

1986 Halyard Ln. • West Lafayette, IN 47906 • 260-402-2476 • mbojrab@purdue.edu

- Education**
- M.S. in Computer Graphics Technology**, Purdue University (May 2010)
Concentration: Computer Programming
Thesis: Water Simulation and Rendering
Overall GPA: 3.78
- B.S. in Computer Graphics Technology**, Purdue University (May 2008)
Concentration: Computer Animation
Overall GPA: 3.46
- Skills**
- Graphics Related Skills**
- C/C++
 - CUDA
 - Cg Shader Language
 - OpenGL
 - Small Tool Scripting
 - Pipeline Creation
 - Dynamics
 - Particles
- Software**
- Advanced Knowledge of
- Maya
 - RealFlow
 - PovRay
 - ZBrush
 - 3DS Max
 - Photoshop
- Projects**
- Notable Projects include
- DiaGrid Teaser for Supercomputing Conference 2009
 - Google “Build Your Campus” Competition: First Place Winner out of 364 Colleges
 - AAE 251 Game Design Project
 - Visible Past: Omaha Beach Project
 - Motion Capture Dance Project at Envision Center
- Work Experience**
- TechLab Manager, Purdue University, West Lafayette, IN;
January 09 - Present
- Research, propose and execute plans for improvement
 - Upgrade and operate a broad range of equipment
 - Convey information between many governing bodies
- Adjunct Professor, Purdue University, Kokomo, IN;
August 09 – December 09
- CGT 241: Introduction to 3D Animation
 - Create lectures, labs, demos, and exams
 - Present lectures and demos on entire animation process
 - Grade labs, projects and exams
 - Software: 3DS Max; Maya
- Teaching Assistant, Purdue University, West Lafayette, IN;
January 09 – August 09
- CGT 340: Lighting and Rendering
 - CGT 341: Advanced 3D Animation
 - Summer Learning: Character Modeling/Rigging
 - Lead lectures and demos in Maya
 - Software: Maya; ZBrush; RealFlow
- Applications Engineer, Dana Corporation ASG Tech Center, Maumee, OH;
May - August '05 and '06
- Writing test procedures for other countries
 - Mocking preliminary design of future parts
 - Analyzed driveshaft failures for weak components

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List of References

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