Bryce A. Evans

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EDUCATION

Cornell University, College of Engineering, Ithaca, NY
Computer Science, expected graduation May 2015
GPA: In Major 3.5 | Overall 3.1

RELEVANT COURSES

Current: Interactive Graphics • Algorithms • Computer Organization
Completed: Computer Graphics with Practicum • Functional Programming
    Data Structures (Honors) • MatLab and Robotics (Honors)
    Discrete Structures • Linear Algebra • Multivariable Calculus

SKILLS

Languages: Java • OCaml • Mathematica • MatLab • OpenGL & GLSL • Python
Web Development: HTML5 • CSS3 • PHP, SQL • ColdFusion • Javascript • WebGL
Tools: Git • SVN • LaTeX • Eclipse • Blender

PROJECTS

Campus Conquest: Independently developing a multiplayer HTML5 game set on the
    Cornell campus. Game utilizes websockets for connectivity and WebGL for 3D
    rendering. For more, visit www.campusconquest.com/about/

Raytracer : Computer Graphics final project (with partner) – Built a renderer using
    Whitted ray tracing that supports Lambert, Blinn-Phong, reflective, and
    refractive materials as well as depth of field. Our demonstration render won 1st
    in the final competition

Critter World: Data Structures final project (with partner) – Implemented graph
    algorithms, a grammar parse tree, and advanced GUI using MVC design.

WORK EXPERIENCE

Course Consultant for MatLab with Robotics – Spring 2013
    Responsible for holding regular office hours, grading homeworks & exams, and
    helping students master the material.

Paid Intern for the Ithaca Human Services Coalition – Summer 2012
    Built upon a ColdFusion and SQL database and helped create a new website for a
    transportation project. I also built a reservation system for users to sign up for
    workshops.

Cornell University Dining – September 2011 - March 2012

Lighthouse Harbor Marina – Summer 2011

HONORS

Bausch & Lomb Science Award, 2010
State Champion Economics Pennsylvania "Business Plan Challenge"
US Biology Olympiad National Semi-Finalist

ACTIVITIES

Completed 25 questions from www.projecteuler.net
Cornell Big Red Marching Band and Pep Band – Clarinet, 2011-2012
Piano, Black Bear Music Conservatory with Dr. Ryan Weber, Director, 1999 – 2010