

Ethan Danahy

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Education

Tufts University College of Engineering. Medford, MA.

Bachelor of Science in Computer Science, Minor in Multimedia Communications

Overall GPA: 3.55 (Magna cum Laude) May 2000

Senior Design Project: Computer Animated Short Film - The Adventures of EPROM

Tufts University Graduate School of Arts and Sciences. Medford, MA.

Masters of Science in Computer Science; Overall GPA: 3.90 May 2002

Masters Project: Faster than Real-Time Machine Learning within High Fidelity Simulations

Publications/Presentations

“Faster than Real-Time Machine Learning within High Fidelity Simulations”

Proceedings: 35th Annual Simulation Symposium, IEEE Computer Society 2002

Presentation at associated conference, April 2002

Computer Languages/Software (partial list)

C++, ASP (VBScript), SQL (SQLServer/Oracle), HTML, JavaScript, Flash (Actionscripting), Perl, Java, Assembly, UNIX, LISP, Adobe Photoshop, 3D Studio Max, SoftImage|3D, Visual Interdev, SourceSafe

Employment

Web Developer

Sebastian Multimedia, Medford MA. September 2001 – present

Provide programming skills to a variety of jobs including website development, dynamic content generation (Content Management Systems), Flash intros, online slideshows, banner ads, online games, and specialized functionality both for external websites and company intranets (URLs available upon request).

Research Assistant

Tufts University Department of Mechanical Engineering, September 2000 – May 2002

Assist professor (Chris Rogers) with various programming tasks, such as creating interactive teaching tools and an online student management system. Responsibilities also included a webmaster position (www.ceeo.tufts.edu) as well as working on the NASA SENSORS site (see below).

NASA SENSORS

The Science and Engineering NASA Site of Remote Sensing, January 2001 – May 2002

Developed website used to help educate about remote sensing. Incorporated a variety of technologies (ASP, JavaScript, Flash, SQLServer, LabView/RoboLab) in creating a system to control robots over the internet.

Webmaster

Spotfire, Inc., Davis Sq. Somerville MA. June 2000 – September 2001

Webmaster and technical advisor for data visualization company's website (www.spotfire.com), updating pages and integrating with backend databases. Supported marketing department, working on a team with designer, technical writer, and developer. Developed content management system to allow browser based updates to the site, as well as customized tracking system to monitor visitors' actions.

Programming Intern

First Call Interactive, Cambridge MA. Summer 1999

Programmed web and database applications for a small internet startup company in Harvard Sq. Assisted in redesigning and programming client's intranet webpage. Drafted and implemented automatic database storage of daily news stories with accompanying search engine (Perl, Oracle).