

Michael Pratt

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Objective

To work with a passionate, dedicated team developing rich, interactive web applications for audiences of all ages.

Technical Skills

Development: Proficient in XHTML/CSS, Javascript, Python, Flash Actionscript 3, and C/C++. Working knowledge of PHP, Perl, Java, and related technologies.

Design: Proficient with Adobe Photoshop, Adobe Dreamweaver, Adobe Illustrator, Adobe Flash, and Adobe InDesign. Working knowledge of Visual Studio, Adobe After Effects, AutoCad 2008, and Adobe Premiere.

Technologies: MySQL, jQuery library, Basic knowledge of AJAX and Google Maps API

Relevant Work Experience

Web Developer

Freelance, May 2009 to Present

- Developed web sites for several small businesses
- Provided search engine optimization
- Hosted and maintained site content

Technical Director

RPI Players, 2008-2009 Academic Year

- Responsible for all technical departments of the RPI Playhouse
- Chaired technical committee that managed a \$40,000 budget
- Designed and constructed scenic pieces for multiple productions
- Designed and operated lighting effects

Developer, Bioinformatics Database

RPI Undergraduate Research Program, 2008

- Designed robust database structure capable of handling over 4 billion protein sequences
- Researched and improved upon existing sequencing solutions
- Developed custom searching software to optimally match research data to probable results
- Worked closely with researchers to meet their needs

Education

Rensselaer Polytechnic Institute

B.S., Electronic Media, Arts and Communications, May 2009, GPA: 3.5 (Cum Laude)

Relevant courses include: Writing for the World Wide Web, Studio Design in Human-Computer Interaction, Interface Design, Visual Communications

Accomplishments and Honors

- 2nd place winner in 2009 Vicarious Visions Student Challenge for Heartland, an individually developed educational game about agriculture designed for children between 5 and 10 years of age.
- Multiplayer Online Gaming and its Increasing Impact on High School Age Students, co-authored and presented at 2004 World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education in Washington DC, as well as published in conference proceedings.