Peter H. Clain

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SUMMARY:

Recent graduate in information science with experience in software development, human-computer interaction, information analysis, and game design. Familiar with a variety of programming languages. Affinity for technology, art, and usability.
Portfolio: www.peterclain.com

EDUCATION:

Cornell University, College of Engineering, Ithaca, New York
Bachelor of Science Degree in Information Science, Systems, and Technology, May 2010
Cumulative GPA: 3.23
Related Coursework includes:
Object-Oriented Programming and Data Structures, Intermediate Programming for the Web, Data-Driven Web Applications, Software Engineering, Human-Computer Interaction, Technology in Collaboration, Introduction to Database Systems, Introduction to Computer Game Design, Psychology of Social Computing, Perception of Graphics, Discrete Mathematics, Mathematical Foundations for the Information Age, Information Analysis, Independent Research (Video Games)

WORK EXPERIENCE:

Web Development Intern   June 2009 – August 2009
Hirecube, Ithaca, New York
Working as part of a startup company running through Cornell, developed the foundation of a resume-hosting site to be integrated into a larger recruiting platform. Implemented the front-end using the CSS 960 Grid system and jQuery, and implemented the back-end using CakePHP. Also designed and implemented the database schema using SQL and CakePHP's interactive shell. Furthermore, worked on authentication, data presentation, and CSS templates that could be adjusted to the user's preference.

SKILLS:

- Experience with the software development process, working with clients, and generating reports
- Front and back-end web development, cross-browser compatibility
- Functional interface design, conducting user testing and research
- Information analysis and data aggregation, scripts and SQL queries
- Rapid prototyping with hardware/software
- Familiarity with various art programs used for web development and marketing
- Experience designing video games
- Leadership skills, functioning as part of an organization
- Ability to work well in large, diverse teams

Programming Languages
XHTML, PHP, CakePHP, Javascript, Ajax, jQuery, CSS, SQL, Python, Django, XML, XQuery, Java, Arduino (based on C/C++)

Platforms and Applications
Google App Engine, Google Web Toolkit, Control Panel (web hosting), Minitab, AMPL, Alibre/AutoCAD, Microsoft Office, 3dsmax, Photoshop, Illustrator, InDesign

AWARDS AND ACTIVITIES:

ISSA (Information Science Student Association), Shengji Club, Japanese Animation Society, Seal and Serpent Society Historian, Microsoft College Puzzle Challenge, Dean's List , GDIAC (Game Design Initiative at Cornell) 2010 Showcase winner