

Josef N. Patoprsty

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OBJECTIVE

To obtain a cooperative education position in the field of Computer Engineering, Computer Science or Web Development.

EDUCATION

Rochester Institute of Technology, Rochester, New York

Bachelor of Science: Computer Engineering Technology (Year 5) – May 2011

Master of Science: Computer Science – May 2011

Concentration: Writing Studies

PFOS GPA: 2.843/4.000

GPA: 2.706/4.000

Related Courses: Technical Programming, Computer Science, Operating Systems, Computer Science Theory, Cryptography, Circuit Theory, Electronics, Differential Equations, Digital Fundamentals, Microcomputers, Digital System Design, Principles of Electronic Design and Automation, Effective Technical Communication, Advanced Electronics, Embedded System Design,

SKILLS

Languages: PHP, MySQL, HTML, CSS, Javascript, Windows/Unix/Linux scripting, QBasic 4.5, Borland Turbo Pascal 7.0, Java, C++, Brainfuck, Atmel Assembly, VHDL, Python

Software: Microsoft Office/Open Office, Adobe InDesign, Photoshop 5/7/CS/CS2, Apache 2, ExpressPCB, OrCAD Lite, Quartus II, ModelSim, Matlab, Mathematica, Subversion

Operating Systems: Linux, Windows, Macintosh, Unix

Spoken Languages: Fluent in German due to residence in Austria (18 years)

TECHNICAL EXPERIENCE

Project Architect (Second School Quarter, 2008)

- Coordinated, analyzed, designed and developed in a team for a movie rental system in C++.

Web Developer (Intermittent)

- Wrote, hosted and maintained many websites over the years using modern technologies.

Lead Developer, (Summer 2008 – Present)

- Designed, developed and contributed to a PHP/MySQL server side development platform that incorporates the use of reusable modules.

PROFESSIONAL EXPERIENCE

Co-Op at Lawrence Productions (Summer 2009)

- Performed network analysis, designed and developed a new the library system, upgraded the internal server, developed platform for an e-commerce website.

Open Publishing Lab at RIT (Present)

- Developing software in PHP/MySQL and XML for a printing job system. Team Oriented with milestones via a wiki, trac and subversion.

ACTIVITIES

Postpunk Band (Guitar, Vocals and Composition), Running, Video Games, RITSMA (RIT Student Music Association) Member, Software Development in Teams