

Christopher Ryan Bowns

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EDUCATION

Virginia Tech (Virginia Polytechnic Institute & State University)

Graduation: May 2008

B.S. Computer Science, B.A. Economics; Minors: Mathematics and Statistics

Cumulative GPA: **3.61/4.00**; In-Major GPA: 3.64/4.00

Notable Recognitions:

- Dean's List, 7 of 7 semesters
- Recipient, Seay Scholarship: 2005-2006, 2006-2007

WORK EXPERIENCE

Protiviti; Vienna, Virginia

June – Aug '07

Technology Risk Intern

- Performed a policy audit and test of a bank, verifying policy compliance to FFIEC guidance
- Analyzed audit data with ACL, Access, and Excel, reporting to assistant managers with exceptions
- Designed an intern newsletter in Publisher, copy-edited content provided from other interns, and published to the Mid-Atlantic home offices. A copy is available: christopherbowns.com/work/Newsletter.pdf

Virginia Bioinformatics Institute; Blacksburg, Virginia

Jan '07 – present

Part-time Student Programmer

- Implemented genome sequence downloading tool, allowing users to download genomic data for multiple genomes or organisms. Used PHP to create archives (tar.gz or zip) on the fly from individual sequence files. Site is available at <http://patric.vbi.vt.edu/downloads/>
- Assisted in launching new website: transitioned old PHP/XHTML pages to new stylesheets and database

Software Technology Laboratories; Corporate Research Center, Blacksburg, Virginia

Mar – Dec '06

Part-time Student Programmer

- Implemented two web-based project management systems using (X)HTML, CSS 2, PHP 5, and MySQL
- Designed and supported database-driven drop-down menu tool with JavaScript, CSS, and PHP

General Electric; GE Energy, Salem, Virginia

May – Aug '06

IMLP Summer Intern

- Designed, developed, and launched a new intranet website for the GE Energy: Salem, VA campus
- Moved website from a table-based layout to a flexible width layout written in HTML, CSS, and JavaScript
- Wrote for and edited GE IMLP Intern Newsletter, a company-wide biweekly publication

Purcellville Computers; Purcellville, Virginia

June '04 – Aug '05

Sales Representative and Computer Technician

- Troubleshoot and repaired computers with hardware and software problems
- Consulted customers on repairs: gave cost estimates, and discussed possibilities of data recovery or loss
- Assisted customers with questions about products sold or with questions about everyday computer use

SKILLS AND PROJECTS

Desktop: C, C++, Objective-C and Cocoa, Java, Rational suite, Subversion, Git, CVS, shell scripts

Web: HTML/XHTML, CSS, JavaScript, PHP, MySQL

- Developed and released open-source utility for Mac OS X for monitoring CPU usage, using git for VCS
- Designed, built, and maintained a personal website: built with XHTML and CSS 2; wrote an .htaccess file to dynamically rewrite and prettify URLs; integrated php-typogrify and SmartyPants for proper typographical presentation; used PHP and MySQL to run two blogs
- Installed and maintained Subversion repositories for course collaboration and document version control

EXTRACURRICULAR ACTIVITIES

C4[1] Conference – A Meeting of Independent Mac Developers

Aug 10 – 12, '07

Webmaster, Upsilon Pi Epsilon Computer Science Honor Society

May '07 – present

Virginia Tech Men's Rugby

Jan '07 – present

- Attended five times a week, two hour team practices; performed personal strength training during off days