PHONG V. CAO

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EDUCATION

Stony Brook University   Stony Brook, NY
Bachelor of Science in Computer Science   May 2015
Computer Science GPA: 3.571
Cumulative GPA: 3.21

COMPUTER SKILLS

Database: Microsoft Access, MySQL, SQLite
Operating Systems: Microsoft Windows, Redhat/Fedora Linux, Ubuntu Linux, Mac OSX
Software: Adobe Photoshop, Illustrator, Dreamweaver, Microsoft Office Suite, Internet Browsers, Email Clients

Programming Languages: C/C++, Java, Python, JavaScript, Visual Basic
Libraries: STL, Boost, Django, jQuery, SQLite3, MediaInfo
Linux Libraries: Gtkmm, GStreamermm, libxml++, libnotify, gettext
Markup/Scripting/Query Languages: HTML, CSS, XML, SQL, Bash
Development Tools: Eclipse, Git, GDB, GCC, Valgrind, Autotools, GNU Make

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PROGRAMMING PROJECTS

Dingo Media Manager   Stony Brook, NY
Personal Open-Source Project   Jun 2011 - Present
• Develop and maintain Dingo Media Manager, an open-source software that helps Linux users manage and enjoy their video and audio collections.
• <u>Languages Used:</u> C/C++, SQL (SQLite), XML
• <u>Libraries Used:</u> Boost, Gtkmm, GStreamermm, MediaInfo, SQLite3, libxml++, libnotify, gettext
• <u>Design Patterns:</u> Observer, Delegation, Facade, Model-Delegate (Model-View-Controller)
• <u>Development Tools:</u> Eclipse, Git, GDB, GCC, Valgrind, Autotools, GNU Make

www.dingo-project.org   Stony Brook, NY
Personal Web Development Project   Jan 2013 - Feb 2013
• Developed http://dingo-project.org/, the official database-driven website for Dingo Media Manager - my first personal open-source software.
• <u>Languages Used:</u> Python, HTML, CSS, JavaScript, SQL (SQLite)
• <u>Libraries Used:</u> Django, jQuery, SlidesJS, TinyMCE, SQLite3, fancyBox
• <u>Development Tools:</u> gedit, Git, Firefox, GIMP, Inkscape, FireBug, MySQL Workbench

www.phongvcao.com   Stony Brook, NY
Personal Website Project   Jun 2012 - Feb 2013
• Developed http://phongvcao.com/, a website that serves as the online gateway to all of my social networking profiles and professional portfolios.
• <u>Languages Used:</u> Python, HTML, CSS, JavaScript
• <u>Libraries Used:</u> Django, jQuery, Crocodoc, Professor Cloud Carousel, ImageFlow, jQuery Cycle, fancyBox
• <u>Development Tools:</u> gedit, Git, Firefox, GIMP, Inkscape, Scribus, FireBug, SpritePad

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ADDITIONAL SKILLS

Speaking Languages: Vietnamese (native), English (fluent), Chinese (basic communication)