

# PHONG V. CAO

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## EDUCATION

### **Stony Brook University**

Bachelor of Science, Computer Science - Game Programming

Stony Brook, NY

May 2015

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## COMPUTER SKILLS - GENERAL

**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

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## COMPUTER SKILLS - ADVANCED

**Programming Languages:** C/C++, Java, Python, JavaScript, Visual Basic

**Libraries:** STL, Boost, Gtkmm, GStreamermm, jQuery, SQLite3, MediaInfo, libxml++, gettext

**Markup/Scripting/Query Languages:** HTML, CSS, XML, SQL, Bash

**Development Tools:** Eclipse, GDB, GCC, Valgrind, Autotools, GNU Make

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## RELEVANT EXPERIENCE

### **Rider University - Office of Internet Technology**

*Computing Help Desk Analyst*

Lawrenceville, NJ

Nov 2011 - May 2012

- Performed minor software repairs to Windows and Linux desktops/laptops following manufacturers' instructions.
- Answered students' and faculties' inquiries regarding usage of software such as Blackboard, Oracle Calendar, Novell WorkStation, Datatel, Rider Webmail, Microsoft Office Suite, Adobe Design Premium Suite, Xbox 360.

### **Rider University - Students Success Center**

*Academic Tutor*

Lawrenceville, NJ

Sept 2011 - May 2012

- Assisted students in understanding diverse topics presented in classes by going over their lecture notes.
- Guided the students throughout homework assignments to prepare them for future exams.
- Classes Tutored: Introduction to Programming (Java and Visual Basic), Statistics I, Macroeconomics, Microeconomics.

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## PROGRAMMING PROJECTS

### **Dingo Media Manager**

*Personal Open-Source Project*

Stony Brook, NY

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.
- Languages Used: C/C++, SQL, XML
- Libraries Used: Gtkmm, GStreamermm, MediaInfo, SQLite3, libxml++, gettext
- Development Tools: Eclipse, GDB, GCC, Valgrind, Autotools, GNU Make

### **Rider AskBroncs**

*Web Development Class Final Project*

Lawrenceville, NJ

Feb 2012 - May 2012

- Headed a team of 4 student programmers to successfully develop and deploy Rider AskBroncs, a Q&A website where Rider University students, faculties and staffs can ask and answer various questions about Rider University.
- Languages Used: HTML, CSS, JavaScript, SQL (MySQL)
- Libraries Used: jQuery, Torino, CKEditor
- Development Tools: MySQL Workbench, Adobe Photoshop CS5.5

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## ADDITIONAL SKILLS

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