

Alexander G. McCrary

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OBJECTIVE Software Engineer

EDUCATION Pomona College, Claremont, CA
Bachelor of Arts in Computer Science, Minor in Spanish, expected May 2009
GPA: 3.8/4.0

Design classes: User-Interface Design, Programming languages and Compiler Design, Advanced Operating Systems, Data Structures and Program Development, and Software Development

COMPUTER SKILLS

Software: ViewLogic Workview, Oracle, vxWorks
Programming: JAVA, C/C++
Operating Systems: Windows XP/NT, Unix (BSD, Solaris, Linux)

PROGRAMMING SKILLS

- Designed a purchasing system using C++ that operates on a Novell network
- Produced a computerized chess game using artificial intelligence problem-solving techniques with Visual Basic
- Created and programmed scientific lab reports for a research project on cone snails and the effects of their venom

EXPERIENCE

Programming Intern, Computer Associates, Inc., San Jose, CA
(05/2008 – 08/2008)

- Wrote a program in C to convert ASCII data into .wav format
- Used simulations to test developing equipment and organized the collected data to study performance in improvements
- Maintained a technical notebook on all projects performed

Student Webmaster, Pomona College, Claremont, CA
(08/2006 – 05/2008)

- Updated and maintained Pomona College's website using Linux, MySQL, and Perl/PHP
- Digitized analog materials: video, audio, and printed (scanning and text recognition)
- Created Firstclass conferences and assisted in the administration of BlackBoard

OTHER ACTIVITIES

- **President**, Mortar Board, Pomona College (08/2008 – Present)
- **Ujima Peer Mentor**, Office of Black Student Affairs (08/2007 – 05/2008)