

DAVID F. COULTHART

2254 Lerner Hall, New York, NY 10027-8316 • (917) 579-5712 • dfc39@columbia.edu

Education

- Columbia University**, New York, NY 2000–Present
Fu Foundation School of Engineering and Applied Sciences
Major: Computer Engineering
Expected Graduation: May 2004
Cumulative GPA: 3.101
- Ridge High School**, Basking Ridge, NJ / **Wayne Hills High School**, Wayne, NJ 1997–2000 / 1996–1997
Completed a rigorous course of study, including 12 Advanced Placement classes
Awards and Honors:
▪ National AP Scholar
▪ Edward J. Bloustein Distinguished Scholar
▪ John F. Kinney, Jr. Humanitarian Award
▪ Trilogy Repertoire Service Award
- Harvard University**, Cambridge, MA Summer 1999
Eight-week intensive introduction to computer science using C++
Grade Received: A
- Dickinson University**, Carlisle, PA Summer 1997
Introductory writing course taken through Johns Hopkins Center For Talented Youth

Work/Volunteer Experience

- Academic Information Systems**, Columbia University 2001–Present
Programmer & Systems Administrator
• Maintain Windows NT and 2000 distributions for over 250 machines deployed in campus labs
• Support Solaris workstations and servers, including open- and closed-source software and operating system upgrades
• Administer a local Linux-based open-source software mirror, writing software to manage the system
• Developed web-based SQL configuration and logging for a PERL backend for lab-wide Windows authorization system
• Implemented stop-gap measures to curtail trojans
• Debugged network booting of Windows machines
- Barrons.com/WSJ.com**, Dow Jones, New York, NY 2001–Present
Part-time Copy Editor
• Proof and edit weekly *Barron's* content for online viewing
• Identify and help resolve problems with document formatting and publishing systems
- Academic Information Systems**, Columbia University 2000–2001
Computer Consultant
• Assisted users with general computer problems on Windows, Macintosh, and Solaris platforms in campus computer labs
• Sustained computers and printers, communicating problems to superiors to ensure reliability under heavy use
- PC Gallery**, Green Brook, NJ Summer 1998
Technician
• Built computers and provided support to customers over the phone and in person
- Technology Support Team**, Ridge High School 1997–2000
• Engaged in troubleshooting and general support of PCs, printers, and network connectivity in district classrooms
• Aided in communicating teachers' needs and implementing proper solutions
- Lighting & Stage Crew**, Ridge High School 1997–2000
• Managed all aspects of technical production, including supervision of the entire crew, of school and community plays and musicals
- Technical Support**, Various Locations 1995–Present
• Work with neighbors and acquaintances of varying technical experience to answer their questions and solve an array of computer-related problems

Technical Knowledge

- *Operating Systems*: Linux; Solaris; Windows XP, NT, 9x, 3.x; OS X, MacOS
- *Programming Languages*: PERL, C/C++, Java, SQL, HTML
- *Hardware*: x86, PowerPC, SPARC
- *Software*: Microsoft Office, OpenOffice.org, GNOME, Maya, Photoshop, Acrobat, GIMP