

William P. Woodruff

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EDUCATION *The Bronx High School of Science*, Bronx, NY, graduated June 2014 with honors.
Focus: Science and Mathematics
The University of Maryland, College Park, MD, class of 2018.
Major: Computer Science

SKILLS *Languages*: C, Java, Perl, C++, C#, shell, HTML/CSS/JS, NASM, and Lisp.
Hardware: ARM boards (Beaglebone, Raspberry Pi), AVR controllers (Arduino).
Frameworks and Libraries: OpenGL, ImageMagick, cURL, .NET, and X11.
Software (development): Inkscape, GIMP, Audacity, Reason, and Visual Studio.
Software (business): Microsoft Office/LibreOffice, Excel/LibreOffice Calc.
Operating Systems: Linux, *BSD, Solaris, Darwin (OS X), and Windows.

EXPERIENCE *Computer Systems Assistant* Summer 2012
M.S 54 - The Booker T. Washington Middle School, Manhattan, NY
• Installed new computer hardware and computer lab equipment, including projectors and smart boards.
• Imaged new machines with OSes, devised group policies, and transferred old student accounts, records, and files to the new systems.

Computer Science Demonstrator 2011-2014
The Bronx High School of Science, Bronx, NY
• Demonstrated Bronx Science's programs in Computer Science (AP CS, Robotics, Game Programming) to prospective and admitted students.
• Developed special demo programs for demonstrations, including examples of genetic learning in robots and graphics demonstrations.

Contracted Computer Services and Repair February 2013 - Present
Freelance, Manhattan, NY
• Assisted clients in resolving hardware and software issues across Windows, OS X, and Linux.
• Developed scripts and programs for backup, system maintenance, and emergency reporting.

COMMUNITY SERVICE Active summer volunteer at the Yorkville Common Pantry. Beginning in 2012, assisted in planned meal services (breakfast and dinner) as well as in food availability programs. Cooked and served meals to pantry members, bagged groceries, and performed logistics.

HONORS National Latin Examination, Summa Cum Laude (2011)
National Latin Examination, Magna Cum Laude (2012, 2013)
AP Scholar Award (2013)
HackBCA Winner, Top 20 (2014)

**EXTRA-
CURRICULAR
ACTIVITIES**

Bronx Science Photography Club (2011, 2012)

Bronx Science History Club (2012)

Bronx Science Improv Club (2011 - 2013)

Bronx Science DIY Electronics Club - Founder and President (2012-)

Other interests include: Handball, Bicycling, Reading, Politics, and Philosophy.