# 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, Python, 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 and LibreOffice suites, (La)TeX. Operating Systems: Linux, \*BSD, Solaris, Darwin (OS X), and Windows.

## **EXPERIENCE**

Contracted Computer Services and Repair

February 2013 - July 2014

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.

## 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.

#### 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.

SERVICE, HONORS, EXTRA-CURRICULAR ACTIVITIES

- Presidential Scholar, University of Maryland (2014 )
- Member, Maryland Cybersecurity Club (2014)
- Winner, HackBCA 2014 (Top 20)
- Winner, HackUMBC 2014 (First Place)
- Winner, HackDuke 2014 (IBM Prize)
- Active summer volunteer at the Yorkville Common Pantry.
- National Latin Examination Honors (2011, 2012, 2013)

 $\bullet$  Founder, Bronx High School of Science Electronics Club (2013 - 2014)