William P. Woodruff

william@tuffbizz.com woodruffw.us - github.com/woodruffw (917) 587-5721

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

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.

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) Presidential Scholar, University of Maryland (2014 -) EXTRA-CURRICULAR ACTIVITIES Bronx Science DIY Electronics Club - Founder and President (2012 - 2014) Interests and Hobbies: Handball, Bicycling, Reading, Politics, and Philosophy.