Max Barkley

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Technical Skills

- Programming Languages: Python, Java, C, Bash, HTML/CSS, Javascript, PHP, Assembly
- Applications and Frameworks: Apache, MySQL, PostgreSQL, Struts, Subversion, SSH, JQuery
- 6 years of experience with Linux (Ubuntu/Debian for personal use)
- Experience setting up and running a Linux server (for personal use)

Education

H.B.Sc. Mathematics and Computer Science, *University of Toronto* 2009 – Present

- Currently enrolled with a Mathematics Major, and Computer Science and Statistics Minors
- 3.26 CGPA
- Relevant Courses: Software Design, Datastructures and Analysis, Introduction to Databases, Programming on the Web, Software and System Tools, Computer Organization

Relevant Work Experience

Webmaster, *ScratchVox* 2012 – Present

- Programmed front- and back-end code for the website
- Tested the site's appearance across multiple platforms and browsers
- Maintain and update the site

(Volunteer) Mentor, *Ladies Learning Code* 2012

- Assisted non-technical students with the use of HTML and CSS
- Enabled students to complete workshop exercises by providing knowledge and encouragement

Additional Work Experience

Server, *Hues Kitchen* 2011 – Present

- Provided service to patrons, many of whom visit the establishment frequently
- Worked independently, often without any form of managerial oversight
- Solved customers' problems, ensuring their satisfaction and repeated patronage of the restaurant

Barista, bartender, and server, *Cafe Crepe* 2008 – 2011

- Worked in a fast-paced, high-stress environment
- Acted as part of a mid-sized team with a conventional management hierarchy
- Developed procedures to increase the productivity of high-volume drink making

Lead Counselor, *Arts Explorer Day Camp* 2004 – 2008

- Ensured the entertainment and safety of 20+ children ages 6 to 7
- Managed other counselors and volunteers
- Assisted in planning activities with the Camp Director

Awards and Other Experience

Awards from *Jarvis Collegiate Institute* (High School)

- Received multiple awards from the *Toronto Star* as the Editor-in-Chief and Layout Editor of the school paper, including Best Newspaper and Best Editorial
- Given the Duncan Green Award upon graduation for excellence in the dramatic arts
- Selected for the Writers Craft Award upon graduation, for attaining the highest mark in the course that year

Relevant Hobbies

- Ran a linux server with public facing Apache and SSH
- Read "Hacking: the Art of Exploitation, 2nd Edition" by Jon Erickson as well as having participated in online hacking challenges
- Completed 45 problems on projecteuler [dot] net, a site containing mathematically challenging programming problems