Fatema H. Boxwala
2B Computer Science Student

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EDUCATION

2014 – PRESENT	**University of Waterloo**
	HONOURS BACHELOR OF CS
	Waterloo, ON

EXPERIENCE

MAY 2016 – AUGUST 2016
Rackspace Managed Security, San Antonio
Software Developer

Worked on a team developing software used by security analysts to secure dedicated and cloud-based servers, primarily written in Python. Gained valuable experience working with AWS, Azure, and Rackspace dedicated servers. Collaborated and communicated on a fully remote team.

AUGUST 2015 – DECEMBER 2015
PointClickCare, Mississuaga
Testing Analyst

Learned to program in Visual Basic, troubleshoot client problems, and perform root-cause analysis of software bugs. Monitored hourly error reports, resolved support cases, communicated with clients, and wrote scripts and macros in VB and Bash to reduce manual tasks.

SEPTEMBER 2014 – AUGUST 2015
CATT, Waterloo
Technical Assistant

Performed all technical tasks for an on-campus civil engineering research centre. This included maintaining three websites: catt.ca, canadiantrenchlessdirectory.ca, cattroadshow2015.ca, and three Windows computers.

JANUARY 2015 – PRESENT
Women in CS Undergraduate Committee, Waterloo
Chair

Served as Chair and External Liaison, represented the committee publicly, and maintained relations with external groups. I developed my public speaking and communication skills greatly. Also managed other members of the committee, and through this I grew as a team leader. As a member of the systems-committee I learned about Linux systems administration and mentored other systems volunteers.

MAY 2015 – PRESENT
Mathematics Society, Waterloo
CS Representative and Councillor

I serve as a councillor and representative of CS students in our student government, MathSoc. As a CS representative on MathSoc Council, I represented the interests of CS students at bi-weekly council meetings. In this role, I developed skills such as policy writing, problem solving and, conflict resolution.

TECHNICAL SKILLS

LANGUAGES	C, C++, Racket, Bash, Python, Visual Basic, HTML/Markdown, CSS/Sass, JavaScript, MIPS
UTILITIES	AWS, Git, Linux, Jekyll, LaTeX, Pelican, Wordpress, Android Studio, GIMP, Windows
MISCELLANEOUS	Testing, Debugging, Troubleshooting, UI Design, Root-cause analysis

PROFESSIONAL SKILLS

LANGUAGES	French, Gujarati, Hindi, Urdu
MANAGEMENT	Conflict resolution, delegating and organizational skills, developed through many years of leadership
COMMUNICATION	Public speaking, professional writing, policy development

PROJECTS

WiCS Website (wics.uwaterloo.ca)
Developer for our official committee website, hosted on github.

Git and Open Source Workshop (git-workshop-w16)
Curriculum developed for an introductory workshop to Git, Github and Open source technology. I both developed the curriculum and taught the first iteration of the workshp.

CanIPass Android Application
Small application developed in Android Studio for calculating a marks and progress in courses with multiple components.

Personal Website (fboxwala.github.io)
Website containing my resume, projects and contact info. Hosted on github, and powered by Jekyll

CC3K Rogue-Like
Rogue-like game developed in C++, played in a terminal. Built as a group project for CS246, "Object-oriented Software Development