

Fatema H. Boxwala

2B Computer Science Student

EDUCATION

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

AWARDS

2016 Federation of Students Leadership Award
2016 WPIRG Community Builders Bursary
2014 University of Waterloo President's
 Scholarship

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, Mississauga
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.

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🌐 fboxwala.github.io

TECHNICAL SKILLS

LANGUAGES C, C++, Racket, Bash, Python,
Visual Basic, HTML/Markdown,
CSS/Sass, JavaScript, MIPS
UTILITIES AWS, Git, Linux, Jekyll, **L^AT_EX**,
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](https://github.com/fboxwala/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 workshop.

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"