

# 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](https://fboxwala.github.io)

### TECHNICAL SKILLS

LANGUAGES C, C++, Racket, Bash, Python, Visual Basic, HTML/Markdown, CSS/Sass, JavaScript, MIPS

UTILITIES AWS, Git, Linux, Jekyll,  $\text{\LaTeX}$ , 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](https://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](https://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"