

# Mohammed Bilal Akhtar

[github.com/itsbilal](https://github.com/itsbilal) | (519) 580-6986 | [me@itsbilal.com](mailto:me@itsbilal.com)

## WORK EXPERIENCE

### Software Developer at Polar (Toronto)

May 2015 – Aug. 2015

- Worked on features involving all components of the stack, such as the database schema, several backend APIs, the Django-based web portal, and an iOS SDK.
- Recognized internally numerous times for being quick to identify, debug and fix issues.
- Prototyped proposed features in internal hack days and won - twice.
- Took responsibility and pushed a hotfix release out to production when tech lead was on vacation.

### Junior Developer at OpenText (Waterloo, ON)

Jun. 2014 – Aug. 2014

- Created the front and back-end of multiple web apps, including a web-based dictionary, and a bingo app.
- Handled development deployments on Ubuntu servers.
- Added document collaboration features to Core, a web-based document sharing cloud.

### QA Engineer at Canonical (Worked remotely)

Nov. 2011 – Oct. 2012

- Tested upcoming releases of the Ubuntu Unity desktop shell, and reviewed incoming bug reports.
- Developed bug fixes in C++ for Unity and related sub-projects.

## OTHER TECHNICAL WORK

### Ubuntu/Debian

- Made over 30 package uploads as a community developer, for bug fixes and new upstream releases.
- Added new features to the Ubuntu Unity desktop shell, such as the display of download/install progress over icons of apps being installed.
- Maintainer of package liboauth on both Debian and Ubuntu since 2010. Preinstalled on Ubuntu systems since 2012.

**Gardiner** - iOS app to share location among families - Personal side project

- Built RESTful backend in Node.js for data storage and syncing.
- Currently developing iOS app in Swift - which is feature complete.

**Electioneering** - Web-based election simulation game where the user is a politician - Built at Hack the North 2015

- Developed the algorithm to determine vote intention and stances for each simulated person.
- Connected front-end to the REST API and other data sources.

## SKILLS

### Languages

- JavaScript
- HTML/CSS
- Python
- Swift
- Objective-C
- Scala
- PHP
- Java
- C/C++

### Frameworks/ Technologies

- Node.js
- Angular.js
- React
- Backbone
- Django
- MongoDB
- SQL
- Django
- iOS
- Linux/Unix.

## EDUCATION

**University of Waterloo,**  
Software Engineering

2014 - 2019 (expected)

- Dean's honours list recipient in 1A and 1B
- Consistently maintained a 4.0 GPA.

## EXTRACURRICULARS

- Class academic representative since 1A.
- Led an introductory workshop on SQL and databases - attended by ~100 people.
- Built a website for a club (Enactus Waterloo) using Django, and deployed it on AWS.