Hamza **Azeem**

4A Computer Engineering

hamza.azeem@uwaterloo.ca | azeem.ca | linkedin.com/in/hamzaazeem | (647)-773-4352

WORK EXPERIENCE

Amazon A9 | Software Engineer   Aug. 2016 – Dec. 2016
Python • AWS (Lambda, S3, ElasticSearch)
- Owned and built new near real-time pipeline for Visual Search platform reducing ingestion delays from a few days to 2-5 seconds
- Pipeline provides near real-time addition, correction, and deletion of Amazon items from the Visual Search catalog through barcode search-keys

Ultimate Software Inc. | Software Engineer   Jan. 2016 – Apr. 2016
Java • ElasticSearch • Logstash • Kibana • SQL • Android
- Owned ELK Big Data project for real-time log management and analytics
  - A single cluster had <1 sec. search times on 100k+ live-streaming logs
- Coded full-stack Web and Android apps while managing large-scale databases

Oracle Corp. | Software Engineer   May 2015 – Aug. 2015
Java • JavaScript • Chrome API
- Designed, owned, and published a new Oracle product within 4 months
  - Gained 1200+ active users since product launch
- Built large-scale Java + React.js apps and custom back-end API architecture

Synacor Inc. | Software Engineer   Aug. 2014 – Dec. 2014
JavaScript • Python • Mocha • Chai • Sinon
- Designed and owned several MVC web-apps and built full-coverage testing using Mocha-Chai-Sinon tools

Rogers Communications | Web Developer   Jan. 2014 – Apr. 2014
JavaScript • jQuery • HTML5 • CSS
- Redesigned Rogers dashboard UI and refactored core features

PROJECTS

Oracle Eloqua Sales Tools for Chrome
JavaScript • Chrome API • Webpack
- Scrapes emails and info on site to profile potential contacts on a company's site
- Modelled with statechart architecture for highly scalable and modular design

Plan-it!
Android • Java • SQLite
- Role-centric event planner app for ideal use in small groups
- Manually constructed normalized SQLite database

LANGUAGES

- Java
- Python
- JavaScript
- C++
- SQL
- HTML
- CSS

TECHNOLOGIES

- Git
- AWS
- MySQL
- Chrome API
- ElasticSearch
- Linux

EDUCATION

University of Waterloo
Candidate for B.A.Sc in Computer Engineering
2013 – 2018 (Expected)

Relevant Courses

- Operating Systems
- Compilers
- Databases
- Digital Hardware Systems
- Embedded Microprocessors

INTERESTS

- Travel
- Reading
- Beatboxing
- Spoken Word
- Computer Vision