

# Adil Muhammad Mian

(519) - 781 - 3352  
am2mian@edu.uwaterloo.ca  
linkedin.com/in/adilmian/  
adil1508.github.io

## EDUCATION

### University Of Waterloo

Bachelors of Computer Science  
(Software Engineering Option)

- Expected Graduation: Fall 2020
- Current Term: 3B
- Academic Standing: **Excellent**
- "**Outstanding**" evaluations in all previous work terms
- Recipient of Term Dean's Honours List (Spring 2017)
- Recipient of President's Scholarship of Distinction (2014)

## SKILL HIGHLIGHTS

### LANGUAGES

- C#
- JavaScript
- C++
- HTML
- Java
- CSS
- Visual Basic

### FRAMEWORKS / TECHNOLOGIES

- Asp.NET
- Android Studio
- Git
- XLib
- Selenium
- MongoDB
- Postman
- SQL Server
- BASH
- Node.JS
- TFS

## EXPERIENCE

### Oracle | Software Developer

Jan 2019 - Apr 2019

- Implemented and demoed Eloqua Marketing Cloud feature requests that resulted in **2** new client subscriptions
- Fixed **multiple** bugs in the core and legacy VB code base to remedy blockers for quarterly release
- Collaborated with Automations team to tackle testing debt by automating **50+** manual tests and fixing **100+** legacy testing scripts

### Dye&Durham | Software Developer

May 2018 - Aug 2018

- Developed RESTful APIs to create **new web services** to handle Business Name Searches and Registrations for multiple jurisdictions
- Wrote screen scrapers using .NET framework to automate legal business processes for multiple provinces

### pVelocity | Quality Assurance Analyst

Sept 2017 - Dec 2017

- Conceptualized standardized testing scheme for new features and developed **200+** JavaScript functions to raise test coverage to over **90%**
- Upgraded in-house testing engine to run multiple tests in a single run, cutting testing run times by over **30%**

### SecureITLab | Backend Developer

Apr 2017 - May 2017

- Using the PHP and MongoDB stack, implemented **new features** to allow users to fully delete campaigns
- Upgraded the UI using the Twig template engine and integrated newly programmed deletion features and APIs

## PROJECTS

### Tour Plus

- Formulated idea to connect tourists with local guides for personalized tours
- Engineered backend implementation by designing and writing RESTful APIs using Node.JS and coded in facial recognition by connecting Kairos APIs

### Dad, Make A Funny

- Self-started on an Android application that generates "Dad jokes" using APIs of social boards such as Reddit
- Enhanced performance by using modern RecyclerViews to get fluid animations as well as a modular code base

### Breakout

- Developed a graphical clone of Atari Breakout using XLibraries and C++
- Implemented non-blocking event loop for smooth responsive interactions

### Chamber Crawler 3000

- Developed a Rogue inspired game for BASH using C++
- Architected the project to maximize code reusability by incorporating Decorator and Visitor design patterns

### Photo Filtering Android app

- Created an Android application to fetch pictures over the network and display them based on rating based filtering system
- Implemented the app utilizing various activities and widgets