

# Anthony Chang

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**Availability: May 3, 2021**



## TECHNICAL SKILLS

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**Programming Languages:** Python, C#, Java

**Frameworks:** ASP.NET Core, ASP.NET Web API, JavaScript, jQuery, Angular, Bootstrap, HTML5, CSS3, RESTful API, AJAX

**DBMS:** MS SQL, MySQL, SQLite, Oracle, PL/SQL

**Version Control:** GitBash, GitHub, BitBucket

**Tools:** Postman, JIRA, Confluence, Visual Paradigm, Visio, Tableau, JustInMind, Unity

## EDUCATION

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### Computer Programmer/Analyst (Co-op)

2018 – Present

Conestoga College Institute of Technology and Advanced Learning, Kitchener, Ontario

- **Current GPA of 3.86**
- Proficiency in object-oriented programming in C# using Microsoft Visual Studio Software
- Works effectively as a team member, frequently taking the leadership role in group projects

### Bachelor of Business Administration (Co-op) – International Business Management

2009 – 2013

Conestoga College Institute of Technology and Advanced Learning, Kitchener, Ontario

- Obtained a double major in Business Operations and Human Resources
- Designed, implemented, and monitored initiatives geared towards improving the quality, effectiveness and efficiency of employees, processes, functions, and businesses

## WORK EXPERIENCE

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### Web Automation Developer Intern

2020

SAP Canada, Waterloo, Ontario

**Technology Stack:** Python, Selenium, Jira, GitBash

- Developed and performed automated test streams to test web-based Business Intelligence software
- Assisted software developers in reproducing software defects and recommended improvements to the product
- Identified performance, stability, reliability, and usability issues in software
- Manually tested web-based software and wrote test plans
- Trained new co-op students to write test plans and automated test cases in a remote environment

### QA Software Engineer Intern

2019

Symantec Corporation, Waterloo, Ontario

**Technology Stack:** Python, MySQL, Jira, Confluence, BitBucket

- Developed Python/MySQL based monitoring software with management dashboard for local QA testbeds
- Performed routine upgrade/downgrade regression testing prior to software releases
- Created, maintained, and executed automated test suites, analyzed test results, and logged bugs in an agile environment

### Facilities Coordinator

2016 – 2017

Cushman & Wakefield, Waterloo, Ontario

## Facilities Coordinator

2015 – 2016

Blue Coat Systems Canada Inc. / Symantec Corporation, Waterloo, Ontario

- Managed international shipping and receiving of high value items, and managed shipping database
- Managed building and equipment maintenance schedules and tested building security systems
- Communicated and organized company-wide events and trips for employees

## Retail Supervisor

2014 – 2015

Aramark Canada, Waterloo, Ontario

- Developed a scheduling system using Microsoft Excel to simplify management scheduling and organized employee information for over 150 staff
- Trained staff and new hires in health and safety, policies, and procedures
- Performed daily cash reconciliation and developed closing procedures performed by employees

## PROJECTS

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### Online 3D Multiplayer Casino (Team Project)

Technology stack: C#, Unity, MS SQL server

Features: 5 Card Draw Poker, friend's list support, real-time messages, user profile, inventory with equipping skins and investments, sending coins

### Virtual Game Store (Team Project)

Technology stack: ASP.NET, C#, JavaScript, jQuery, AJAX, Bootstrap, Angular, MS SQL server

Features: registration and login; role-base authorization; full CRUD support with data validation; game rating and review options; shopping cart management; game purchase and download; separate panel accessible to store employees only to manage inventory and generate reports.

### Hangman Android application (Team Project)

Technology stack: Java, XML, SQLite, Android Studio, Android Virtual Device

Features: user-friendly interface with landscape and portrait modes; external API used to retrieve random words; Game Settings options; game statistics stored in SQLite database; custom animation.

### Car Search Android application

Technology stack: JavaScript, jQuery, jQuery Mobile, HTML, CSS, SQLite, WebStorm, Cordova

Features: responsive and interactive UI, input validation, ability to view cars on different websites, add and view cars, APK installer.

### Flappy Bird PC Game

Technology stack: C#, MonoGame

Features: collision detection, simple animation, and sound effects/music; high score system and game saving/loading options; one-click installer.

## VOLUNTEER EXPERIENCE

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### Blue Coat Systems – Operation Christmas Child Leader

2015 – 2016

Samaritan's Purse, Kitchener, Ontario

## ACTIVITIES AND INTERESTS

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### Certified Professional Trainers Network – The Art & Science of Personal Training

2010

Conestoga College, Kitchener, Ontario