

Angad Singh

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EDUCATION

UNIVERSITY OF WATERLOO

BSC IN COMPUTER SCIENCE

Expected Dec 2020 | Waterloo, ON
Dean's List (Winter 2015)

GMSSS-35

Grad. March 2014 | Chandigarh, India
Grade 12 - Secured 94%

SHIVALIK PUBLIC SCHOOL

Grad. March 2012 | Chandigarh, India
Grade 10 - Secured 9.8 CGPA

LINKS

Github:// [angad-singh](#)
LinkedIn:// [angad-singh](#)

SKILLS

PROGRAMMING

Over 5000 lines:

C • C++ • Scheme • HTML
CSS • Bash • XML • JSON

Familiar:

C# • Oracle SQL • Python
AngularJS • JavaScript • R
.NET Framework • \LaTeX
LINQ • Yeoman • node.js
MIPS Assembly Language
Make

Softwares and Platforms:

Visual Studio • Oracle Hyperion
Microsoft Office Suite • Atom
SQL Developer • VIM • HP ALM
Git • Microsoft TFS • Ubuntu OS
macOS

COURSEWORK

UNDERGRADUATE

- Designing Functional Programs
- Algorithm Design & Data Abstraction
- Computer Organization and Design
- Object-Oriented Software Development
- Logic and Computation
- Professional Responsibility in Computing

EXPERIENCE

ONTARIO MINISTRY OF EDUCATION | .NET DEVELOPER

September 2017 – December 2017 | Toronto, ON

- Worked on developing web-pages for .NET/C# based application Picasso using XML and SQL that were pushed into production.
- Wrote C# functions to implement custom actions in the existing Picasso framework.
- Worked on various different teams and projects and managed time appropriately to finish tasks before deadlines.
- Maintained clear line of communication with project managers and created documentation for future developers.
- Followed Agile style programming with a monthly cycle pushing products into production each month.

ONTARIO MINISTRY OF EDUCATION | IT QA ANALYST

January 2017 – April 2017 | Toronto, ON

- Developed "Help Menu" using ORACLE APEX and HTML/CSS for the new financial system being deployed for managing payments.
- Tested the updated financial application being deployed for colleges which is developed on Oracle Hyperion planning software.
- Acquired knowledge about Quality Assurance processes and development cycles in relation to developing new software and deploying it to production environment.

MATCOR-MATSU GROUP INC. | IT INTERN - SYSTEM & NETWORK SUPPORT

May 2016 – August 2016 | Mississauga, ON

- Tested newly developed web applications for the company's intranet.
- Worked on building a new file server for the Mississauga location.
- Responsible for monitoring daily backups and changing the backup tape when required. General troubleshooting for end users.

TORONTO DISTRICT SCHOOL BOARD, LAKESHORE COLLEGIATE INSTITUTE | LAB SUPERVISOR/TECHNICAL SUPPORT

September 2015 – December 2015 | Etobicoke, ON

- Assisted administration in setting up an online system for reporting technical problems that arose, thus making it easier for teachers to report issues.
- Processed teachers' troubleshooting requests, identifying the problems and presenting viable solutions.

PROJECTS

SUDOKU SOLVER

Developed a program in C# that would solve a Sudoku puzzle after reading in from a text file.

CHAMBER CRAWLER 3000

Developed text based game from scratch in C++ using design patterns and object-oriented programming principles following AGILE methodology.

KENKEN PUZZLE SOLVER

Wrote major blocks of code in the Scheme language, creating a program that was able to quickly and efficiently solve Kenken puzzles