

ADIL ASIM

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EDUCATION

Honours Bachelor of Computer Science
[University of Waterloo](#)

Class of 2020

EXPERIENCE

Information Security Student
[Fidelity Investments](#)

May 2016 – Aug 2016

- Developed macros that consolidated and analyzed copious amounts of data to find points of failure using VBA, shortening a two weeks long process into a few seconds
- Used Selenium framework for Python to automate entry and verification of confidential information
- Created and documented Python API that interacted with internal website
- Built website testing framework using Selenide, a unit testing Java framework
- Performed in-depth analysis of employee access during audits

PROJECTS

Co-op Sequence Matcher

Sep 2016

Web app that pairs University of Waterloo students looking to swap their sequences.

- Developed back-end using Django's MVP convention
- Used Waterloo CAS API for authentication
- Designed a front-end with team-mate using HTML/CSS

Cricket AI

July 2016

AI that competes against human players in a game similar to rock-paper-scissors

- Built using Python
- Used statistical analysis to determine next best possible move based on previous ones

Crossword Puzzle Solver

Nov 2015

Solves crossword puzzles given a list of words

- Used knowledge of graph theory to solve puzzles efficiently
- Developed using Scheme

SKILLS

HTML/CSS (Bootstrap)
JavaScript
Scheme
Bash

Python (Django, Selenium)
Java (Selenide)
SQL

C
VBA
Git

INTERESTS

Artificial Intelligence
Starcraft

Physics
Psychology

Soccer
Machine Learning