

Kabir Singh

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🔑 <https://kabir-singh-portfolio.firebaseio.com> 🐙 <https://github.com/kboverride>

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Skills

Languages: C, Java, Python, HTML, CSS, MySQL, PostgreSQL, JavaScript
Operating Systems: Windows 7, Windows 10, Mac OSX, Linux
Software: Sublime Text, Net Beans, Notepad++, Kate, Visual Studio, GitHub
Hardware: Raspberry Pi, Assembling Computers, Ethernet Cables

Education

Bachelor of Computing Honours, Computer Science – Minor Business Administration
September 2013 - February 2017

University of Guelph, Guelph, Ontario

- Dean's Honours List

Projects

KB's Movie Web Application – HTML, CSS, jQuery, JavaScript, TMDB API **October 2017**

- A movie web application that shows movies currently in theatres and coming soon
- Developed front end using HTML, CSS, and MDL to deliver simple and fast loading times
- Worked on a script using jQuery and JavaScript to retrieve information from the API

FriendsFM – Python, Pydub, Google Speech API **September 2017**

- Takes song lyrics and matches it with the subs from "Friends" and makes a song
- Pydub used to manipulate audio such as slicing and concatenating audio files
- Used Google Speech API to transcribe audio files to find the keyword and timestamps

Personal Blog Website – HTML, CSS, GitHub **August 2017**

- Implemented a personal website using HTML and CSS from scratch
- Responsive menu and web pages were created
- GitHub pages used to host website

Swear Be Gone – JavaScript, HTML **March 2017**

- Programmed a Google Chrome extension that filters out swear/bad words on websites
- Used JavaScript to look for a list of swear/bad words and replace them with asterisks
- Great use for children or others surfing the web using Google Chrome

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Book Watch (Hack the North 2016)– Android, Java

September 2016

University of Waterloo

- Android application that shows information about the book by scanning the book cover
- Used an OCR (Optical Character Recognition) API to scan a title of a book
- Achieved 80% of the features and the number of teams competed was 230
- Learned how to retrieve book information (JSON) from a book information API

Parameter Manager – C, lex and yacc, Bash, Java

January – April 2015

University of Guelph

- Achieved making a compiler through a combination of old and new languages
- Made a parsing library in C for files that have a specific format
- Built a Java GUI (Graphical User Interface) to compile the files into a GUI of its own using JNI wrapper Classes
- Created a script using Bash to unpack the files appropriately for the user

Telegram (Testing and Debugging as a Team) – JavaScript

January – April 2016

University of Guelph

- Worked with a group of 9 students in a Scrum Development process to improve, debug, and test Telegram, a messaging app with a focus on speed and security
- Learned JavaScript and Jasmine testing framework while working on fixing issues (bugs and features) listed on the GitHub repo
- These issues included creating a button to download chat logs, filtering messages with URLs, and creating useful test cases

Work Experience

Self-Employed Computer Services

January 2012 – December 2016

Vaughan, Toronto

- Aided clients, friends, and family with assembling computers from computer parts
- Cut appropriate Ethernet wiring using the RJ45 tool
- Troubleshoot printers, computers, and mobile phones for family and friends