

RISHI SRIVASTAVA

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Skills

PRIMARY: C, C++, JAVA, ANDROID STUDIO, XCODE

FAMILIAR: PYTHON, HTML, CSS, JAVASCRIPT, SWIFT

Work Experience

SOFTWARE DEVELOPER INTERN, CISTEL TECHNOLOGY INC. | OTTAWA, ON

APRIL 2016 - AUGUST 2016

- Developed secure company phonebook/directory for 150+ employees for iOS via Xcode and Swift and Android via Android Studio and Java.
- Implemented one-time alphanumeric authentication system using Java file writing and reading
- Used Java classes to create 'Person' objects that contained names and contact info, which were specified in the constructor and sourced data from arrays of strings
- Created search function that parses name into first and last names, indexes them for user-inputted string and displays search results

OWNER AND FOUNDER, BLUESANDSTUFF STUDIOS | OTTAWA, ON

APRIL 2013 - AUGUST 2016

- Founded and operated an official sole proprietorship that provides guitar lessons to students of all ages
- Acquired 11 students, hired an additional teacher to meet demand, and made \$3500+ in revenue

Projects

CLOUDDRUMS - random drum beat generator for Android, iOS and web using Python and Django

- Developed an algorithm to randomly compose musically-correct drum scores at user-defined tempo and length
- Player module reads score and plays corresponding notes on user-selected drum kit
- Uses multithreading for player module to avoid app freezing and crashing

PERSONAL WEBSITE - website created using HTML, CSS and JavaScript, hosted using cPanel

- Outlined and formatted layout of website pages and links to personal pages and projects
- Designed pages to be both desktop and mobile compatible
- Used JavaScript animations and CSS animations implemented through HTML classes

TOUCHTYPES - typing speed test for Android created as Grade 12 programming class final project

- Displays a random word from string library and player must enter as many words correctly as possible in 60 seconds
- Uses multithreading to display 60 second timer while running user input process

Education

UNIVERSITY OF WATERLOO | WATERLOO, ON

SEPTEMBER 2016 - PRESENT

BASC, COMPUTER ENGINEERING CO-OP

Class of 2021 Candidate

BELL HIGH SCHOOL | OTTAWA, ON

SEPTEMBER 2012 - JUNE 2016

OSSD (ONTARIO SECONDARY SCHOOL DIPLOMA)

Completed grades 9-12 and received OCDSB Silver Medal for 90+ academic average each year

Co-Founder of Investment Club (50+ members)

Co-President of DECA Chapter (50+ members) and Jam Club

Attended Shad Valley at University of Waterloo in July 2015