Joshua Allum

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- Work Experience -

Western Union | Front Line Agent, Sept 2015 - June 2016
Handled money transactions of hundreds of customers per week. Work involved the creation and use of excel spreadsheets to record daily transactions and produce predicted balance figures.

Quivira Scout Ranch | International Camp Counselor
Spent a month of the Summer of 2016 in Kansas, teaching young scouts and sharing Trinbagonian culture. I worked with the management of QSR and the scout association of Kansas to try to inform Kansan scouts of the world beyond the USA.

- Education -

University of Waterloo, Ontario Canada
Honours Computer Science | Expected April 2020.
Dean's Honours List: Fall 2016
Cumulative Average: 88.80%
Faculty/Major Average: 94.33%

St. Mary's College, Port-of-Spain Trinidad
Graduated in May 2015 with 10 grade 1's in CAPE.

- Skills -

Proficient in:
C, C++, JavaScript, HTML, Racket, Git
Microsoft Excel, Word, LaTeX.
Familiar with:
PHP, Python, Android, Java, Microsoft Access.
Learning:
MySQL, Sequel, R

- Awards & Achievements -

2013 | **10th overall in the Caribbean**
Placed tenth overall in the Caribbean Advanced Proficiency Examination, Computer Science Unit 1.
2013 | **Chief Scout Award**
Awarded by the President of Trinidad & Tobago. It is the highest award that can be achieved at the scout level.
2015 | **National Open Scholarship Winner**
Awarded by the government of Trinidad & Tobago based on exceptional performance in CAPE Unit 1 and Unit 2.
2012-16 | **Best Ensemble at Music Festival**
Winner with the Holistic Music School Ensemble of the biannual Trinidad & Tobago Music Festival three times in a row.
2014 | **23rd World Scout Jamboree**
Represented Trinidad & Tobago internationally as one of the 155 different countries and territories represented at the 23rd WSJ in Yamaguchi, Japan.
2013 | **Tobago Jazz Festival**
Performed at the world-recognized Tobago Jazz festival alongside famous performers with the Holistic Music School Ensemble.

- Projects -

Carnival Band Database | **Microsoft Access**
Designed a database to manage a carnival band's masquerader/member data. It included multiple forms, reports and mail merge features to sign up new masqueraders, show statistical data and distribute personalized band information to members.
Integrated with Microsoft Excel and Office to facilitate easy data input and output and meaningful statistical information.

Heart Rate Calculator | C
Designed, coded and implemented from scratch a C program that computes, stores and manages the average heart rates of users and provides statistical fitness data.
Features include data storage and management in a custom encoded file, warning messages for abnormal heart rates and checking against the average heart rate of a person in the user's demographic to determine the users fitness level.

Connected Web-app | HTML, CSS, PHP
My first collaboration with a team of four to create a web-app that stores a set of user-defined hyperlinks and generates a unique web-page, with the links embedded, that can be shared. I handled the majority of the back-end using PHP to store user links in a .txt file and generate page URLs.

- Ongoing Projects -

CapeNotes.com | HTML, CSS, PHP, JavaScript
Working on a website that provides CAPE students with course notes, practice questions and a list of relevant materials for CAPE courses.

- Clubs & Activities -

2009-15 | **First Trinidad Sea Scouts**
Troop Leader tasked with planning and organizing events. Community work includes beach clean ups, charity events and life guarding services.
2009-15 | **Holistic Music School Ensemble**
Semi-professional lead flautist in a mainly jazz but also folk and locally oriented band.
2013-15 | **Computer Science Club**
Executive member of the St. Mary's College Computer science club that looked over the technical aspects of the school.
2013-14 | **Management Team**
Member of the St. Mary's College M-Team that planned and organized school events such as fundraisers.
2015 | **Founder of Chinese Student Club**
The St. Mary's College Chinese student club was made to create a safe space for a minority group and promote Chinese culture.

Links

GitHub | github.com/jtaaa
LinkedIn | linkedin.com/in/joshua-allum