

Joshua Allum

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- EDUCATION -

University of Waterloo

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

Graduated in May 2015

Achieved 10 grade 1's in CAPE.

- SKILLS -

Proficient in:

C, C++, JavaScript, HTML, Racket, Git
Microsoft Excel, Word, L^AT_EX.

Familiar with:

PHP, Python, Android, Java, Microsoft
Access.

Learning:

MySQL, Sequel, R

- ACHIEVEMENTS -

2013 | 10th overall in the Caribbean
CAPE, Computer Science Unit 1.

2013 | Chief Scout Award

Awarded by the President of Trinidad &
Tobago.

2015 | National Scholarship Winner

Awarded based on exceptional perfor-
mance in CAPE.

2012-16 | Music Festival Champions

Winner with the Holistic Music School En-
semble of the biannual T&T Music Festi-
val three times consecutively.

2014 | 23rd World Scout Jamboree

Represented Trinidad & Tobago interna-
tionally at the 23rd WSJ in Japan.

- WORK EXPERIENCE -

Western Union | Front Line Agent, Sept 2015 - May 2016

- Handled money transactions of hundreds of clients 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, June 2016

- Worked with young scouts teaching them about scouting and sharing Trinbagonian culture.
- Collaborated with the management of QSR and the scouting association of Kansas to try to inform Kansan scouts of the world beyond the USA.

- PROJECTS -

Carnival Band Database | Microsoft Access

- Designed a database to manage a carnival band's member data.
- 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 and coded 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 en- coded file and warning messages for abnormal heart rates.
- Fitness level is calculated by checking user heartrate against the aver- age heart rate of a person in the user's demographic.

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 user's 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.

LINKS

GITHUB | github.com/jtaaa

LINKEDIN | [linkedin.com/in/joshua-allum](https://www.linkedin.com/in/joshua-allum)