

Duane R. Swift

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On Campus Address:
204 Hemenway St.
Boston, MA

EDUCATION

Northeastern University, Boston, MA, USA
College of Computer and Information Science

September 2014 – Present

Candidate for a Bachelor of Science in Computer Science and Linguistics; GPA: 3.225

Expected May 2019

Related Courses: Object-Oriented Design, Logic & Computation, Theory of Computation
Fundamentals of Computer Science 1 & 2, Linguistic Analysis, Syntax,
Psychology of Language, Discrete Structures

Honors: University Scholars Program

Activities: Northeastern University Choral Society

Community Service: Boston Partners in Education, Northeastern Youth Development Initiative Program

Hillview College, Tunapuna, Trinidad and Tobago

June 2014

Related Courses: Caribbean Secondary Education Certificate (CSEC) Information Technology,
Caribbean Advanced Proficiency Examination (CAPE) Computer Science Units 1 & 2

Honors: CAPE National Scholarship Recipient (Trinidad & Tobago)

Activities: Head Prefect, Vice President of Recycling Club, Robotics Club, House Captain, Swim Team,
Student Council, Literary & Debating Society

COMPUTER KNOWLEDGE

Languages: Java, C, JScript, Python, Racket, C++, Command Line.

Operating Systems: Windows, Android, Linux, iOS.

Projects: Music Reader/Player, Maze Game, Frogger Game.

RELATED EXPERIENCE

Program Developer (Class), Boston, MA

October 2015 – December 2015

Music Reader/Player

- Analyzed and developed a suitable model to parse pre-existing files for the project
- Developed the view for the music player, to render them in three different views – Console, GUI & MIDI.
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Program Developer, Tunapuna, Trinidad

September 2012 – March 2014

Laundry Management System

- Analyzed the existing system, and created and implemented a new system with C, which managed login information
- Kept track of customer records, created receipts, checked inventory and kept track of daily, monthly and yearly finances.

Program Developer, Tunapuna, Trinidad

September 2011 – March 2012

Housing Registration Program

- Implemented a solution to accurately screen candidates for a (simulated) national housing application process, in Pascal.
- Implemented the associated database solutions for said candidates using MS Access

OTHER EXPERIENCE

Field Linguist, Trinidad & Tobago

June 2015 – September 2015

Independent Research

- Created a sociolinguistic survey to elicit dialectal differences within the Caribbean
- Elicited phonological, morphological, syntactic and lexicosemantic differences within and between the islands.

INTERESTS

Academia: Natural Language Processing, Computational Linguistics, Artificial Intelligence, Research.

Arts: Singing, Classical & Choral Music, Marching Band Choreography.

References to be furnished upon request