

# Duane R. Swift

**Permanent Address:**  
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**On Campus Address:**  
204 Hemenway St.  
Boston, MA

## EDUCATION

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**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 2018

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

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

**Operating Systems:** Windows, Android, Linux, iOS.

**Projects:** Music Reader/Player, Maze Game, Frogger Game, Personal Website

## RELATED EXPERIENCE

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**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.

**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

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**Field Linguist**, Trinidad & Tobago/USA

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

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

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

**References to be furnished upon request**