

Santiago De La Torre

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Software Engineer

Education

- **University of Massachusetts Amherst** Amherst, Ma
BS in Computer Science Dec 2015
 - Artificial Intelligence subplan

Technical Background

- Java
- Visual Basic
- Databases
- MFC
- Mac OS
- C/C++
- JavaScript
- Python
- Windows OS
- Linux OS

Projects

- **Collosus Airlines:** Application developed in Java that keeps a database of the customers of an airline company as well as their flight number using MySQL & JDBC 5.1.7
- **Boola Boola University:** Java application that simulates a University registration system keeping a database of students and their courses using MySQL & JDBC 5.1.7
- **Slot Machine:** Game developed in Java using random number generation.
- **Dictionary:** English-German Dictionary developed in Java using a Hashtable.
- **First Last Bank:** C++ application that simulates an ATM machine using a Binary Search Tree.
- **OOoverlap.com:** NodeJs Web application that allows users to analyse their schedules for meeting arrangements.
- **Hardware store:** Desktop application developed in MFC that reads inventory from a CSV file into a Singly-Linked List.

Professional Experience

- **Technical Support** Univ. of Massachusetts Amherst
Learning Commons & Technical Support Desk Currently
 - Provide technical support to students who experience problems the University printing software.
 - Make sure that library maintains an integrated environment for patrons to study.
 - Present network solutions to students who experience problem with the University's network.
- **Tutor** Bunker Hill Community College
Tutoring and Academic Support Center 2011 - 2013
 - Developed and delivered training to students on how to create and customize software applications and tools using advanced development and coding techniques.
- **ACE Mentor** Bunker Hill Community College
Learning Communities 2011 - 2013
 - Worked along with programming instructors for programming and problem-solving courses. Helped to set up development environment for the classroom.