

JORDAN J LOPEZ

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EDUCATION

The University of Texas at Austin

Expected Graduation: May 2018

BS Computer Science Relevant Coursework: *Data Structures, Autonomous Intelligent Robotics, Intro to Computer Architecture, Intro to Operating Systems*

EXPERIENCE

Southwest Utility Billing Houston, TX, *Software Consultant* August 2015 – Present

- Used Java and the open source Apache POI API to automate and streamline data processing, producing a uniform, easy-to-read report for clients.
- Cut a 12 hour monthly job to 30 minutes.

SKILLS

Proficient	Java
Worked In	C, C++, Robot Operating System
Exposure to	Python, HTML/CSS

PROJECTS

todo1 github.com/JordanJLopez/todo1 C

- Developed a lightweight, shell-based to-do list in C that keeps track of daily goals and tasks.
- Designed to enhance user productivity and time management.

BWI Robot Face github.com/JordanJLopez/bwi_robot_face C++, ROS

- Created an animated, interactive face using C++, the Robot Operating System (ROS) and OpenCV that tracks people standing in the robot's field of view, following them with its eyes.
- Designed the face for use with the robots in the University of Texas' Building Wide Intelligence research program.

SadGab github.com/JordanJLopez/SadGab Java

- Built a language processing application in Java based on the popular party game *MadGab* using the free CMU Pronouncing Dictionary.
- Implemented an algorithm to convert user input strings into phonetically and syllabically similar, yet different phrases.