JORDAN J LOPEZ

jordanjlopez@utexas.edu | 832-651-6787 | jordanjlopez.net | github.com/JordanJLopez

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 *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

todol   github.com/JordanJLopez/todol   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.