

ROBERT J. HINOJOSA

robbie_hinojosa@utexas.edu
(940) 839-5010

EDUCATION

The University of Texas at Austin

Expected May 2017

Bachelor of Science and Arts in Computer Science

- 3.74 G.P.A.
- University Honors

PROJECTS

- Currently developing a Twitter bot in Python that returns the name and artist of a song upon being tweeted a few lyrics using the Genius API and Tweepy library
- Currently building a complete x86-64 compiler for the Pascal programming language in C
- Implemented priority scheduling, virtual memory, and a multi-level indexed file system for the PintOS instructional operating system
- Built a heap memory manager in C++ that implements allocation and block-coalescing deallocation functionality
- Added PageRank relevance to an inverted index document retrieval system using my own web spider that computes PageRanks based on link structure
- Wrote a Hadoop based MapReduce program to effortlessly compute statistics against Netflix Prize data

SKILLS

Programming Languages:

Proficient in Java

Experienced in Python, C/C++

Software Development Tools:

Experience using git/GitHub, Travis CI, Docker, Google Test, gdb, gcov, Doxygen, and MySQL

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Principles of Computer Systems
- Declarative Programming (In Progress)
- Implementation of Compilers (In Progress)

WORK EXPERIENCE

The Original Chuy's, Austin, TX

June 2015

Server, Host

- Provided excellent customer service in a fast-paced, team-oriented work environment
- Maintained sections of up to 7 tables at once during peak hours

BookHolders, Austin, TX

August 2013 - May 2015

Head Clerk

- Assisted customers with purchasing and selling textbooks
- Performed routine data entry with consistent speed and accuracy
- Trained new employees in their required duties

CO-CURRICULAR ACTIVITIES

- Longhorn Bodybuilding and Physique
- Hispanic Association of Computer Scientists