D. Michael Earl

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EDUCATION	**Texas A&M University**, College Station, TX	May 2019
	B.S. in Computer Science (3.85 GPA, 26 hours as of Spring 2016)	
	Hill College, Hillsboro, TX	May 2015
	Dual-Credit Enrollment (4.00 GPA, 40 hours)	
	Harvard Secondary School Program, Boston, MA	August 2014
	Summer Class Enrollment (4.00 GPA, 8 hours)	
	Bynum High School, Bynum, TX	June 2015
	Class Valedictorian / Highest Ranking Graduate	

EXPERIENCE	Software Engineering Intern - Epoch Labs	Summer 2016
	Teaching Assistant - Java class at Bynum High School	2014-2015

RELEVANT COURSES

CSCI S-111 - Intensive Introduction to Computer Science Using Java

CSCE 121 - Honors - Introduction to Program Design and Concepts Using C++

CSCE 222 - Discrete Structures for Computing

CSCE 221 - Data Structures and Algorithms (Using C++)

CSCE 312 - Computer Organization

CSCE 314 - Programming Languages

SKILLED WITH

C++, Java, Python, Bash, Git, Vim, LXD, Linux desktops, Linux command line, and Windows desktops.

ACTIVITIES

UIL Computer Science - 1st Place at 1A UIL State Competition
- 1st place in a multitiered, statewide high school computer science competition.

TAMUHack (Hackathon at Texas A&M, October 2015)
- Participated with a team in Texas A&M's premier hackathon.

CodeRED (Hackathon at University of Houston, November 2015)
- Participated with a team in University of Houston's hackathon.

ACM-ICPC - 10th Place Team at 2015 South Central USA Regional Contest
- ICPC is a prestigious worldwide collegiate programming competition.

INTERESTS

Natural language processing, parallel computing, distributed computing, operating systems, and artificial intelligence.

PERSONAL PROJECTS

Reactive - A Python web service for managing live-action games.

Lapis - On-demand Minecraft server hosting using Microsoft Azure.

RPGMap - Voronoi tile-based map generation for tabletop RPGs.