

James Vanderburg

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EDUCATION

Texas A&M University, College Station, Texas — Fall 2015-Present

Bachelor of Science in Computer Science, Expected Graduation: May 2019

GPA: 3.452 (in major), 3.424 (overall)

Selected Electives: Software Engineering, Scripting Languages, Artificial Intelligence, Human-Computer Interaction, Computer and Network Security

EXPERIENCE

Software Development Intern, Gaslight Software; Cincinnati, Ohio — May 2018-August 2018

Built a scheduler for Gaslight's internal team application, using React and Rails to create a responsive calendar to give employees greater visibility into Gaslight's ongoing projects and employee assignments. Participated in user story mapping, learned React on the job, wrote RESTful APIs, and built ActiveRecord and ActiveModel objects to create the scheduler. Performed ActiveRecord query optimization, collaborated with a designer, and pair programmed with other interns daily.

Waiter, El Norte Grill; Plano, Texas — May 2016-August 2017

Worked waiting tables, bartending, and hosting, exclusively during summers.

RECENT PROJECT WORK

- Used React to build a mock frontend for a proposed redesign of Texas A&M's learning management system in order to solve interaction problems.
- Used Ruby on Rails to build a Dungeons & Dragons companion application as an exercise in data modeling and test-driven development.
- Built a Ruby on Rails application for Fish Camp (Texas A&M's freshman orientation program) to help streamline their counselor application review process. Built a site where staff members could write interview transcripts, review applications, and keep track of their preferred applicants with a rating system.
- Constructed a web-based mashup application utilizing APIs from Google Maps, Indeed, and Zillow to facilitate intelligent geographic job and housing searches for people looking to control their commute time. Constructed with HTML5, JavaScript, jQuery, CSS, and PHP.

TECHNOLOGIES

Proficient: Ruby, Rails, RSpec, Python, C++, JavaScript, React, CSS, Heroku, Git, GitHub

Familiar: Java, Haskell, SQL (Postgres)

Interested: Elixir, Clojure, Go, open source contributions

ACTIVITIES

Trombone, Texas A&M Hullabaloo Band — Fall 2015-Present

The official pep band of Texas A&M University, supporting Volleyball and Men's and Women's Basketball at all regular season home and postseason tournament games.

Trombone, Texas A&M Jazz Ensemble — Spring 2017-Present

One of two jazz ensembles at Texas A&M performing multiple concerts on campus and in the Bryan-College Station area each year.