James Vanderburg

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EDUCATION

Texas A&M University, College Station, Texas — Fall 2015-Spring 2019

Graduated in May 2019 with a Bachelor of Science in Computer Science.

GPA: 3.431 (in major), 3.400 (overall)

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

EXPERIENCE

- **Software Developer III, USAA; Plano, Texas — September 2019-Present**
  - Working with USAA's Enterprise Content and Generation team to support operational communications.
  - Used React and Spring Boot to build a mass communication service to help us reach our millions of members quickly and easily.
  - Helped with the implementation of Kafka Events to allow teams throughout to company to track the status of their message requests.
- **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.

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.

SKILLS

- **Programming Languages:** Java, Ruby, JavaScript
- **Web Technologies:** Spring Boot, Ruby on Rails, React
- **Tools & Platforms:** Git, GitHub, Heroku, RSpec
- **Interests:** Elixir & Phoenix, open source contributions