James Vanderburg

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Objective

Seeking a full-time position in application development after graduation.

Education

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

Bachelor of Science in Computer Science, Expected Graduation: May 2019
Major GPA: 3.452
Overall GPA: 3.424

Relevant Coursework

Data Structures and Algorithms	Programming Languages
Discrete Structures for Computing	Introduction to Computer Systems
Computer Organization	Programming Studio
Technical Writing	Design and Analysis of Algorithms
Software Engineering	Artificial Intelligence
Information Storage and Retrieval	Scripting Languages
Human Computer Interaction	Computer and Network Security

Experience

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. Learned React on the job, wrote RESTful APIs, and built ActiveRecord and ActiveModel objects to create the scheduler. Performed ActiveRecord query optimization and collaborated with a designer.

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

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

Skills

- Built a Ruby on Rails application for Fish Camp (Texas A&M's freshman orientation program) to automate and streamline their application review process.
- 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.
- Built a fully functional computer starting from first principles. Learned how to construct basic logic gates, as well as arithmetic, logic, and sequential chips; realized a simple architecture through an intuitive machine language supported with higher abstractions of Virtual Machine and High-Level OOP Language.
- Wrote an interpreter in Ruby to convert assembly instructions to binary instructions.

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.