Willie Spriggs

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Education

Texas A&M University | *College Station, Texas*
Bachelor of Science in Computer Science
Minor: Business • Cumulative GPA: 3.520
100% of education financed though scholarships and grants.

Notable Coursework

Software Engineering | *Spring 2021*
- Created ROR web application for the campus organization, Fish Camp.
- Used Scrum methodologies and iterative development to adhere real customer spec change requests.

Programming Studio | *Fall 2020*
- Utilized Agile and Waterfall project management to develop multiple class projects.

Clubs

Fish Camp | *March 2019 – May – 2021*
Position: Counselor
- Led over 2500 students through a four-day college transition camp.
- Mentored 20 freshmen throughout camp and during their freshman year of college.
- Trained incoming counselors on how to be an effective leader and mentor.

Aggie Coding Club | *August 2019 – May 2020*
Position: Member
- Learned to use Git to code collaboratively with other developers on small assignments.

Skills

Technical Skills
Proficient with:
React • JavaScript • HTML • CSS • Python • C++
Bootstrap • Git • Agile Development • Scrum
Familiar with:
C# • Java • SQL • Ruby • ROR • Django • .NET Core

Soft Skills
Leadership • Communication • Teamwork
Adaptability • Creativity • Accountability

Work Experience

Paycom | *Oklahoma City, Oklahoma*
Software Development Intern | *May – August 2021*
- Created a dashboard allowing the OCR team to monitor the status of the entire OCR system.
- Designed and implemented a React powered UI neatly displaying data fetched from backend API.
- Automated health checking process using C# and stored that data in a MySQL database.
- Reduced time spent conducting OCR system health checks by 95%.

Projects

Personal Website | *May – August 2021*
- Designed and developed a website using HTML, CSS, and JavaScript showcasing my skills and interests.

Partnership Matcher | *February – May 2021*
- Created a ROR application for Fish Camp Chairs to fill out customizable partner preference forms.
- Developed an algorithm to find most compatible partnerships from a pool of applicants.
- Applied MVC design patterns and utilized a PostgreSQL database to create a scalable app.
- Led the team as the Product Owner and frequently communicated with stakeholders.

Key Search Web Scraper | *May – August 2020*
- Implemented a program to parse webpages based on a Google search and keywords.
- Used Python and the Beautiful Soup library to pull data from HTML and XML files.

Statistics Chat Bot | *November – December 2020*
- Integrated the Google Image Search, Discord, and "balldontlie" APIs to provide sports statistics to Discord users with JavaScript.

Yelp Review Analyzer | *September – November 2020*
- Designed a database schema to effectively parse over 1,000,000 rows of Yelp data.
- Displayed query results in a Java GUI.

Activities

Paycom Intern Codeathon | *July 2021*
- Developed a competition data tracking system using React and C#.