

RYAN DRAKE

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Education

University of Arkansas | Fayetteville, AR | 08/2020 to 05/2023

- **Bachelor of Science:** Computer Science
- **Minor:** Data Analytics
- **GPA:** 3.7
- **Honors:** Distinction

Skills

- React.js, Node.js
- Amazon Web Services (AWS)
- Java
- C++, C
- JavaScript, HTML, CSS
- Python
- SQL, NoSQL
- Office 365/Excel

Projects

Capstone Project

- As a major senior year project, I worked with a team to create a Usage Tracking Software for the company behind Ponga – a media share platform.
- For this project, we created a usage tracking API using AWS API Gateway, Lambda, and DynamoDB. The API stores and retrieves information from the database, and it runs calculations on the usage data. The type of usage tracking API we created focuses on a different aspect of customer usage than existing APIs focus on. For this project, I wrote multiple lambda functions and helped set up the API endpoints in API Gateway.

Portfolio Website

- This is my website which has more information on myself as well as a collection of personal projects. This is also where I showcase and practice web app development using React. The website is written entirely using React.

Laser Tag Software

- As a semester-long class project we created software to run a laser tag game. During this process we practiced working as a team and learned the development cycle for creating software. For this project, we had to learn web app development, how to network a UDP socket, and project management using GitHub, Slack, and Trello.
- This project used Python, HTML, and CSS with a little bit of JavaScript to integrate the web app with the Python code. We used Heroku as our application and database platform.

Membership and Activities

Student Alumni Association

- The SAA encourages students to get involved in the community and help make a change.

Association for Computing Machinery Member

- ACM is a computer science-oriented student organization at the University of Arkansas which organizes events to help students transition into a career after college by building portfolios through events such as the Hackathon, hosting tech talks from companies, and providing more avenues to connect with recruiters

Experience

Digital Personal Shopper | Walmart - Fayetteville, AR | 01/2022 – 05/2023

- Bagged groceries carefully to keep products in perfect condition, separated fragile products and kept frozen and perishable foods cold or fresh.
- Practiced clean and sanitary shopping with minimal product handling and used safety kits diligently, including face masks and hand sanitizer to protect customers and others.
- Quickly and efficiently got groceries out to customers and loaded their vehicles.