Austin Brown

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EDUCATION

Arizona State University — Tempe, AZ
Bachelor of Science in Computer Science, Minor in Spanish — *Aug. 2019 – May 2023*
Barrett, the Honors College — *Current GPA: 4.0*

EXPERIENCE

Amazon — Summer 2022
Software Development Engineer Intern — *Tempe, AZ*
- Enhanced an internal CMS to capture and deliver document history data to users.
- Re-architected NoSQL data model for auditable events to facilitate OLTP-type querying at a document level.
- Designed an interface to view and retrieve audit data, and implemented this interface into an existing React-Redux based web application.
- Maintained close communication with stakeholders and customers to ensure satisfaction with project deliverables.

Amazon — Summer 2021
Software Development Engineer Intern — *Tempe, AZ*
- Expanded an existing performance auditing tool to worldwide marketplaces, increasing page performance visibility by upwards of 790%
- Designed and developed a custom search-data analysis service, granting stakeholders meaningful quantitative and qualitative insight into search engine performance.
- Implemented a full-stack internal dashboard to aggregate newly-created BI tools and distribute performance metrics to worldwide marketplace owners.

Republic Services — June 2020 - Present
Apprentice Salesforce Developer — *Scottsdale, AZ*
- Contributed to a 20% increase in call center efficiency through deployment of custom Salesforce Lightning web components.
- Improved existing on-boarding process documentation to reduce time and complexity associated with on-boarding new developers.
- Assumed team's ScrumMaster role for several months, leading the team through Daily Stand-up meetings and Spring ceremonies.
- Performed QA analysis for completed user stories using industry-standard qTest software.

PROJECTS

Automated Sunset Photo Project — January 2021
- Project to automate taking pictures of AZ sunsets
- Queries OpenWeatherMap.org's RESTful API to get data about current expected sunset times
- Calls custom shell script to initiate webcam capture
- Powered by a Raspberry Pi, Python, Bash, and an old webcam

Portfolio Website for Local Business Owner — November 2020
- Built a Wordpress-powered website for a local interior design business in the Phoenix area
- Integrated photo carousell and gallery functionality to give readers an immersive visual experience
- Incorporated continuous customer feedback to ensure full customer satisfaction with final product
- JazzCustomInteriors.com

TECHNICAL SKILLS

Languages: Java, Javascript, Python, C/C++
Frameworks: React, Redux, AWS CDK/Cfn, Salesforce Lightning, qTest, Mockito, PyTest, JUnit
Services: Lambda, DynamoDb, S3, API Gateway, AWS Step Functions, Quicksight, Salesforce, OIDC/OAuth
Developer Tools: Git, IntelliJ, VS Code, Postman, Visual Studio, Eclipse, LaTeX
Coursework: Data Structures & Algorithms, Object-oriented Programming I & II, Computer Org & Assembly, Software Engineering, Theoretical CS, Operating Systems, Programming Languages I & II