

Austin Brown

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EDUCATION

Arizona State University

Bachelor of Science in Computer Science, Minor in Spanish
Barrett, the Honors College

Tempe, AZ

Aug. 2019 – May 2023

Current GPA: 4.0

EXPERIENCE

Software Development Engineer Intern

May 2021 – July 2021

Amazon

Tempe, AZ

- Expanded an existing performance auditing tool to worldwide marketplaces, increasing page performance visibility by upwards of 790%
- Developed a custom search-data analysis service from the ground up, granting stakeholders meaningful quantitative and qualitative insight into search engine performance.
- Implemented a full-stack internal dashboard to aggregate newly-created BI tools and ensure stakeholder visibility

IT Intern, Customer Experience

June 2020 – August 2020

Republic Services

Scottsdale, AZ

- Worked in an agile team environment to increase call center efficiency by an average of 20% through deployment of custom Salesforce Lightning web components.
- Achieved 100% stakeholder satisfaction through delivering continuous product improvements in 2-week sprints utilizing agile development processes.
- Performed QA analysis for completed user stories using industry-standard qTest software.

Hackathon Organizer

April 2021 – Present

sunhacks.io

Tempe, AZ

- Developed a novel approach to facilitate workshops and team communication in a hybrid hackathon environment
- Scheduled several days of workshops and guest lectures to both entertain and educate hackers
- Maintained regular communication with org directors and other organizers to ensure team cohesiveness and synergy.
- Continuously improved hackathon inclusivity standards to ensure approachability to both differently-abled and non-CS hackers

PROJECTS

Automated Sunset Photo Project

Jan 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

Nov 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++, HTML

Frameworks: Node.js, 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