Samuel H. Millar

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SUMMARY

BS Computer Science student with experience in Object-Oriented Programming, iOS Mobile App Development, Database Management, and Unit Testing seeking a full-time position in June 2020.

TECHNICAL SKILLS

Programming: Java, C++, Swift
Client Scripting: HTML5, CSS, JavaScript
Database Management: PostgreSQL, MySQL, DynamoDB
Version Control: GitHub, Git
IDE's: Visual Studio Code, Eclipse, XCode
Other: Junit 5, Amazon AWS, Amazon S3, RESTful API's

PROFESSIONAL EXPERIENCE

Elevate Tickets: Client Services Intern   2/2019 – 12/2019
- Gathered experience in Software Engineering through 1 on 1 shadowing and pair programming developing proprietary ticketing software and front-end web pages used for payment processing
- Completed service requests by executing SQL Queries
- Performed Unit Testing on the integration of Two-Factor Authentication to the payment processor software
- Traveled to job sites to educate end-users on using the software

OTHER WORK EXPERIENCE

Arizona State University, Tempe, AZ: Computer Science Tutor   1/2020 – Present
- Tutored undergraduate engineering students in core concepts of the ASU Computer Science Curriculum

Arizona State University, Tempe, AZ: Freshman Success Coach   9/2019 – 12/2019
- Introduced students to the Computer Science curriculum and provided them with success skills

EDUCATION

B.S., Computer Science   Graduating May 2017
Arizona State University, Tempe, AZ   3.4 GPA

PROJECTS

Amazon Gamification of Surveys   Spring 2020
- Computer Science Capstone Project working with Amazon to gamify their survey system
- Utilized Amazon AWS to create a DynamoDB database for storing our data
- Designed prototype using HTML and CSS and hosted using Amazon S3
- Established GitHub repository for version control

Shop Local iOS Mobile Application   Fall 2019
- Developed application programmed in Swift designed to encourage spending locally to strengthen local economies
- Integrated MVC Architecture to create a Table View application using Core Data
- Automated Location Services using Weather API and Apple's MapKit

Little Caesar's Pizza Website Redesign   Spring 2019
- Built prototype using proven design principles to improve UX/UI
- Performed A/B Testing which resulted in 60% less time required for users to create and submit order

ACTIVITIES

ASU Software Developers Association (SoDA)   8/2016 – Present
- Attended talks by Industry Representatives and participated in Hackathons

ASU Mobile Devs   8/2018 – Present
- Discussed MVC and MVVM Architecture as well as other mobile design patterns