323 E. Veterans Way
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SAMUEL H. MILLAR

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EMPLOYMENT

Computer Science Tutor ASU's Fulton School of Engineering **Spring 2020 - Current**
- Tutored Freshman, Sophomore, and Junior students on the core concepts of the ASU Computer Science curriculum.
- Provided Virtual Tutoring for ASU Online Computer Science students.
- Assisted with academic support for struggling students.

Software Engineer, Intern **Elevate Tickets** **Summer 2019**
- Worked with Software Engineering and Quality Assurance teams developing proprietary ticketing software and front-end web pages used for payment processing.
- Contributed in the integration of Two-Factor Authentication and Ticket Insurance provided by Allianz to the payment processor software.
- Traveled with the Field IT team to perform Onsite IT to ensure the festival ran smoothly using the ticketing software.

Freshman Success Coach ASU's Fulton School of Engineering **Fall 2019**
- Teaching Assistant for FSE 100: Introduction to Engineering.
- Introduced the engineering design process, working in engineering teams, engineering models, and written and oral technical communication skills to incoming Freshman at ASU.
- Informed incoming Freshman on how to succeed in college through productive study habits and strong problem-solving skills needed for their future academic career.

EDUCATION

Tempe, AZ **Arizona State University** **Fall 2016 – May 2020**
- B.S. in Computer Science Engineering, Graduating in May 2020. Projected GPA: 3.5.
- Undergraduate Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Mobile App Development; Theoretical Comp. Sci.; Comp. Architecture; Engineering Entrepreneurship; Calculus III.

TECHNICAL EXPERIENCE

Projects
- **Personal Website** (2020). Created personal website (shmillar.githib.io) to demonstrate my understanding in Web Development and display my accomplishments. CSS, JavaScript, HTML5, Bootstrap
- **Five 5's at 5** (2018). Commissioned to build a music blog for a group of college students studying Business with an emphasis on the Music Industry. CSS, JavaScript, HTML5, Bootstrap
- **Shop Local** (2019). Mobile Application developed for users to store their favorite local stores and farmers market. Built to encourage spending money locally to strengthen local economies. Swift, Core Data, Web APIs
- **Concussion Protocol** (2019). Mobile Application developed for users to rate their symptoms after a contact sport's game to assess whether they should seek medical attention for a concussion. Swift, Core Data

ADDITIONAL EXPERIENCE AND AWARDS
- **Dean's List (2017-2019):** Awarded to students who maintained a 3.5 GPA at ASU.
- **Extracurricular Activities:** Member of Software Developers Association (SoDA) and Mobile Devs Club at ASU.

Languages and Technologies
- C++; C; Java; HTML5; CSS; Python; Swift; Objective-C; SQL; JavaScript; PHP; Prolog; Scheme; Assembly
- Visual Studio; Visual Studio Code; Microsoft SQL Server; Eclipse; XCode; Slack