

# Christopher Risser

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## SUMMARY

Recent graduate with a bachelor's in software engineering. An initiative-taking, hardworking analytical person excelling in object-oriented software. I seek a position which will allow me to deepen my programming skills, allow me to put my problem-solving skills to use within a culture that values inclusion innovation and collaboration.

## EDUCATION

**Bachelor of Science Software Engineering- Arizona State University, 3.7 GPA (honors)** 2020

**Master of Business Administration- Argosy University, 3.8 GPA (honors)** 2014

**Bachelor of Arts in Sociology- California State University, 3.6 GPA (honors)** 2012

## TECHNICAL SKILLS

- Java, JUnit, JavaScript, Bootstrap, jQuery, React, HTML, CSS, JSON, SQL, GitHub, Rest API, UML, Node.js, Express, MERN, Visual Studio, MVC, Selenium.

## PROJECTS

**Personal Portfolio** August 2020-September 2020

- Tech used: JavaScript, CSS, HTML, React, jQuery, CSS Animate, GitHub
- Built personal portfolio site to show projects completed and skill set.

**JAVA Scheduling Application** September 2017-May 2020

- Tech used: Java, Java swing, Junit, GitHub, Travis CI, Gradle.
- Refactored open source java project managing teacher scheduling application including user interface using java swing
- Used Agile development with SW Development Life Cycle with 2 week iterations/sprints. Scrum master 25% of the project.
- Reduced software defects by 30% using unit and functional testing including JUnit testing tool.

**SQL Videogame Database Application** September 2017-May 2020

- Tech used: HTML CSS, Java, MYSQL.
- Built HTML/CSS front end that interacted with JAVA back end and MYSQL database to execute user queries.
- Wrote back end algorithms that parsed user queries to retrieve necessary information from MYSQL database.

**SolarSPELL Education Application and Server** September 2017-May 2020

- Tech used: JavaScript, HTML, CSS, Linux, SQLite, Apache, GitHub
- Gathered requirements from sponsor to build application using HTML, CSS and JavaScript through an Apache server running on a raspberry PI. Used agile methodology to build this over nine-month period.
- Created SQLite database that stores user's activity and allows them to track progress throughout module.

**Currency Converter** September 2017-May 2020

- Tech used: JavaScript, HTML, CSS, JavaScript, REST API.
- Built single page application that interacted with Node.js server using JSON that converted currency and displayed results using DOM manipulation. Also showed history of queries and made it possible to reset SPA using various API calls.

## EXPERIENCE

**Non-profit Organization Web Application** January 2020-Current

- Tech used: JavaScript, CSS, HTML, React, GitHub, MongoDB, Mongoose, Node.js, Express, JSON Web Tokens, Visual Studio
- Building web application for private organization. Static front end with dynamic React single page application. That includes a member section with log in including JWT authentication and sign up, member profile section, document upload/download repository, event section where members can register/pay for event using Node.js middleware and MongoDB database using a REST API and MVC architecture. Selenium for testing.

**Attended Arizona State University – Software Engineering** January 2017 – May 2020

**The Art Institutes/Argosy University – Director of Finance and Admissions** August 2012 – December 2018

- Led, developed, and coached 15+ employees across Academics, Finance and Admissions to achieve performance outcomes and professional development
- Reviewed, analyzed, and interpreted data to identify department trends, forecast future performance, and make customer service, sales, and finance related process improvement recommendation
- Audited employee financial documentation and processing to ensure an ongoing 85% quality assurance rate
- Facilitated employee engagement activities to achieve 96% employee retention

**A Neighborhood Management Group – Property Manager** April 2008 - June 2012

- Performed customer service, resolved customer satisfaction issues accounting & sales-oriented tasks.

United States Marine Corps - Aircraft Ordnance Technician

August 2003—August 2007

- Quality Assurance Safety Officer and Collateral Duty Inspector. Fixed weapon systems using technical manuals and schematics under tight maintenance schedules to ensure aircraft were prepared for combat under highly stressful situations.
- Work Center Supervisor- managed 30 Marines and prioritized maintenance schedule. Trained and evaluated staff, providing appropriate feedback regarding performance and training requirements.