**Jacob Hushaw**

37595 Colebridge St. Palm Desert CA, 92211

(760) 601-5477

Jshushaw@gmail.com | github.com/Jhushaw | Linkedin.com/in/jacob-hushaw

# education

## Grand Canyon University 2017- 2021

*Phoenix, AZ*

Bachelor of Science in Software Development

**GPA:** 3.54

**Related Coursework:** ***CST-256*** Database Application Programming 1,2,3 ***CST-247*** Enterprise Application Programming 1,2,3 ***CST-235*** Computer Programming 1,2,3 ***CST-201*** Algorithms and Data Structures ***CST-341*** Open-Source Computing

# Skills

**Full stack development utilizing Agile and Scrum methodologies**

* **Languages:** Java, C#, PHP, SQL, Html, CSS C, JavaScript, Python, Bash Scripting
* **Frameworks:** Spring Boot, ASP.NET MVC / .NET Core, PHP Laravel, Enterprise Java**,** WordPress
* **Tools:** Windows, Linux, MySQL Workbench, Postman, Swagger, Bootstrap Studio, Microsoft Azure, Heroku, PostgreSQL, GitHub, Bitbucket
* **Software Design:** UML Class Diagram Design, UI Wireframe design, ER design, REST API Design

# Experience

**Tech Support Specialist, STEM Teacher** 2020  
**Phoenix, AZ**

*Generation Tech Support*

* Fulfilled Web development Contract work using different languages and frameworks such as ASP.NET, Java Spring, PHP Laravel, and WordPress
* Taught elementary and middle school students in an after-school program. After school program taught engineering, physics, and JavaScript

**Grade Checker** May 2019 – Dec 2019

**Los Angeles, CA**

*Elite Earthworks & Engineering*

* Used complex GPS machinery to verify elevation and slope of the job site
* Facilitated the movement of heavy equipment to maximize efficiency

# Projects

**Minesweeper Online Game**  2018

**GitHub:** https://github.com/Jhushaw/MinesweeperOnline

* Created a web application using ASP.NET MVC framework that allowed users to play minesweeper online
* Used MVC design pattern and N-layer architecture to ensure code reusability
* Stored players and high scores in an SQL database using Microsoft Azure

**E Commerce Application**  2019

**GitHub:** https://github.com/Jhushaw/CST235

* Created a web application using Java EE libraries that allowed users to search, select, and build a cart of products for purchase
* Stored orders, products, and users in a sql database. Used acid transaction principles to ensure proper checkout

**Church Event Manager** 2021

**URL:** https://ccceventmanager.azurewebsites.net

**GitHub:** https://github.com/Jhushaw/CCCEventManager

* Created a web application using PHP Laravel libraries that allowed users to search, select, RSVP for upcoming church events as well as see events they have RSVP’d for. Administrators have the option to create, update, and delete events
* Built an intuitive UI using bootstrap CSS
* Stored Events, and users in a MySQL database and hosted both the Application and Its database on Microsoft Azure

**Epidemic Simulator** 2021

**URL:** https://epidemicsimulator.herokuapp.com/

**GitHub:** Web Application: https://github.com/Jhushaw/EpidemicSimulator

**GitHub:** Simulation: https://github.com/Jhushaw/CovidSim

* Created a Unity application that allows you to create your own "virus" choose its parameters and simulate it in three different environments.
* Embedded into spring boot application, hosted on Heroku