SHEN FANG

SOFTWARE DEVELOPER

CONTACT



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EDUCATION

Vanderbilt University B.E. Biomedical Engineering Cum Laude Dean's List

PRODUCTS

FTris-Arena

FTris-Arena is an online and Materialize SCSS. OOP game logic was designed with Javascript and JQuery. User authentication was entirely supported by GoogleAuth document-based database. Application was wrapped up in AngularJS' Framework for single-pageaccess and full route-control.

Galaxcyclopedia-API

galaxcyclopedia.herokuapp.com Galaxcyclopedia-API is a full Rails MVC application built with RESTful architecture and a user interface for data queries and file sharing. All available database resources are Versioning API requests can be modified through the header. HTTP the eight planets of the solar system.

Galaxy-VR

galaxy-vr.herokuapp.com Galaxy-VR is an Interactive Virtual Tour of the Solar System that leverages Galaxcyclopedia-API's JSON data with 3D Modeling and Presentation, and Virtual and its Planets Rendered in React-VR.

PROFILE

As a software developer with a background in biomedical-engineering and business management, I pursue a path that combines my interest in healthcare with my passion in designing and implementing newer technologies.

PROFESSIONAL EXPERIENCE

Software Developer: Nashville Software School

(2017-Present)

- **OVICE OF STATE OF ST**
- ODocument & Relational Database Management and Deployment through Firebase, Github, mySQL, pgSQL, Heroku, AWS, Azure
- **3** Full-Stack Development of RESTful API's in MVC applications with Ruby on Rails Framework
- Application Design using OOP Fundamentals/SOLID Principles under SCRUM Methodology in JavaScript, Ruby, and C#
- **3** Project Management with Trello and Github Issue Tracking, Source Code Version Control with Git/Github
- **3** Business Solution architecture for scalable applications with White-Boarding, Wireframes, and ERD Designs
- Carry Responsive Web and Mobile UI/UX Engineering for Single-Page-Applications in AngularIS, ReactIS, React-VR
- **DRY** and Modular Component Design using Inheritance, Encapsulation, and Abstraction Principles
- **Test Driven Development with Unit and Integration Tests using** Jasmine, Ruby Minitest, and RSpec
- Task Automation & Linting: Grunt/Gulp/JSHint. Module Bundling & Compiling: Browserify, SASS/SCSS

Supervisor: CVS Pharmacy

(2016-2017)

3 Store-wide integration of Mobile Curbside Pickup App to manage and facilitate successful online/in-person prescription demands

Medical/Dental Assistant: PA Medical Dental Clinics

(2014-2015)

(2013)

(2013)

O Effectively maintained patient-portal with organized systems to ensure timely patient flow and patient-centered care

AWARDS | PUBLICATIONS

Catalyst Award : Nashville Software School	(2017)
Arnold C. Biomedical Engineering Senior Design Competition Finalist	(2014)
First Place Award in Engineering Concept Design Competition	(2014)
Research Fellowship Certificate of Achievement	(2013)
International Journal of Cardiology	(2013)

3 https://www.ncbi.nlm.nih.gov/pubmed/24820736/

Biomedical Engineering Society Annual Meeting, Seattle, WA

O http://www.bmes.org/AnnualMeetingProgram.pdf

Society for Biomaterials Annual Meeting, Boston, MA

O http://abstracts.biomaterials.org/data/papers/2013/0243-000538.pdf

