Brian K. Fairbanks

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https://brian-fairbanks.github.io/Bootstrap-Portfolio/

Technical Knowledge

Languages: Python, C#, SQL, Java, C++, Assembly
Web Based: Javascript/JQuery/JSON, Restful APIs, Node.js, Express, HTML, CSHTML,
Web Frameworks: Native React, React Web Hooks, MVC3/ADO.NET
UI Development: CSS, Bootstrap, Tailwind, Materialize
Databases: MongoDB, Mongoose, mySQL, Oracle Database, Transact-SQL, PL/SQL, Toad
Other: GIT, ServiceNow, VBA, Microsoft Office Suite, Photoshop, Remote Desktop Manager
Certifications: LPI Linux Essentials, Previously CompTIA A+ Certified, Net + Networking
Currently Learning: Microsoft Azure Fundamentals through Linux Academy

Recent Projects

Dice Rollers   http://dice-rollerz.herokuapp.com/
A React/MaterializeCSS chat application, catering to D&D players stuck at home during covid19
- Backed database managed by MongoDB and Mongoose
- Dynamic chatroom creation, visual and audio notifications, seen message logging
- /commands to facilitate common D&D actions through chat, such as dice rolling

Work Experience

Dell Inc.
Senior Business System Analyst   Austin, Texas, June 2015 – January 2020
- Handled mission critical technical support for supply chain tools, including Glovia, OTM and GTM (Oracle & Global Transportation Management) through Oracle databases, and their dependent web portals
- Managed documentation and oversaw disaster recovery operations for Dell's Supply Chain Data Hub, primary supply chain database managing data flow for dozens of applications
- Aided in creation and management of proactive alerts and monitoring, leading to a decrease of user logged incidents to only 20%

Dell Inc.
Supply Chain Software Development Intern   Austin, Texas, June - August 2013
- Created data retrieval tool on the department's web portal, saving team members hours each week on collecting and formatting reports
- Gathered and translated business requirements into technical specifications to organize and prioritize backlogged manufacturing orders, based on ship date, quantity, and product type
- Used MVC3 and Transact-SQL databases, under the guidance of a technical mentor, to develop a web-based tool for the internal team to identify, monitor, and report on problem orders from a set number of Dell's manufacturing partners. Team later expanded the tool and rolled out to all global production regions

Education

University of Texas Center for Professional Education, Austin
Full Stack Coding Boot Camp Certificate of Completion   March 2020 – June 2020

Texas Tech University, Lubbock
Bachelor of Science in Computer Science   September 2010 - June 2015
Minors in: Business and Japanese

Texas State University, San Marcos
Study Abroad (Individual Studies in Japanese)   Nagoya, Japan, Summer 2010

Foreign Languages

Limited Working Proficiency in Japanese
Elementary Proficiency in Spanish