

KYLE THIEN NGUYEN

Software Developer

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PROJECT HIGHLIGHTS

PIXL Heatmaps

May 2020

- Using the D3.js library and the data provided by NASA JPL, a simple web service was created to add a baseline visualization of the data. A secondary analytical view was provided to show the relationship of PIXL data and the textures on the context image.
- The web service created used Node.js following the MVC architecture that was hosted on AWS.

Schedule Simulator

Sep. 2019 - May 2020

- Created a website using ASP.NET Core's Razor pages with a front-end in JavaScript/jQuery, Bootstrap 4, AJAX, and a back-end in C# to allow students to simulate 1000s of class schedules.
- Class times, days, and course descriptions were scraped from the University's public website and stored onto Oracle's Cloud Infrastructure database which populated the data for the website hosted on AWS.

Project Management System

Aug. 2018

- Developed an agile approached project that mimicked the Microsoft Project tool that was created in a team of 6 into a three tiered web application. The application utilized ASP.NET's Web Form with a back-end in C# and a front-end in JavaScript and AJAX Control Toolkit.
- The project allowed project managers to login and perform a wide variety of functions on the webpage (create deliverables, assign tasks, manage resources, etc.). Transactions made while a project manager was logged on would be stored onto SQL Server and accessible through the website hosted through IIS.

Secret Santa

Dec. 2018

- Designed a three tiered web application using ASP.NET, JavaScript, and AJAX with a back-end in C# to facilitate a Secret Santa event involving 25 people.
- The webpage served as a portal for logging in and filling out a questionnaire regarding their gift preferences. Preferences and login information were stored onto SQL Server and the web application was hosted on IIS.

WORK EXPERIENCE

DAISO Japan

Sales Floor Associate

📅 Oct. 2015 – Mar. 2019

📍 Northridge, CA

Cleveland Aquatic Center

LA City Lifeguard

📅 Apr. 2012 – Jul. 2012

📍 Reseda, CA

REFERENCES

Marian Acal

👤 DAISO Japan Manager

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Mohammed Abdelrahim

Fall 2017

👤 CSUN Computer Science Professor

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EDUCATION

🏛 B.S. Computer Science

California State University Northridge

📅 Aug. 2017 – May 2020

🎓 Major GPA: 3.65

🎓 Overall GPA: 3.14

LANGUAGES

Web Development

HTML5 CSS JavaScript/jQuery
PHP AJAX Bootstrap D3.js

Native Application Development

MASM x64 C C++ C# Python
Java

Server-Side Development

ASP.NET ASP.NET Core Node.js
Oracle SQL Server MySQL

SOFTWARE & TECHNOLOGIES

Content Management

GitHub

Case Tools

Visual Paradigm, Balsamiq Mockups

Automation

Selenium

Database Tools

SQL Developer, Oracle Cloud, SQL Server Management Studio, MySQL Workbench, EBS

Web Tools

IIS, AWS, Elastic Beanstalk, EC2, Azure, Flask, XAMPP, RESTful API

Others

Agile Scrum Software methodology, MVC, Multi-threaded programming, Bash/Shell, L^AT_EX, Microsoft Excel, Adobe Photoshop