KYLE THIEN NGUYEN

Software Engineer

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PROJECT HIGHLIGHTS

Algorithmic Trading Software
July 2020 — Present
- A **C# based Windows Form** application that allows firms to automate their trading strategies in options, futures, and stocks. This high speed application acquires profit at a speed and frequency that is impossible for a human trader to accomplish.

ModelZ 360
July 2020 — Present
- An **ASP.NET MVC** Web Application that was created to unite a network of models, agencies, and creative professionals under a premier a single international network.

PIXL Heatmaps
May 2020
- Using the **D3.js** library and the data provided by NASA JPL, a simple web service in **Node.js** created to add a baseline visualization of the data and an analytical view was provided to show the relationship of PIXL data and the textures on the context image.

Schedule Simulator
Sep. 2019 — May 2020
- Created a web application 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 combinations of classes that would fit into their current schedules.

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**.

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.

EDUCATION

🏛 **B.S. Computer Science**
California State University Northridge

📅 Aug. 2017 – May 2020

🎓 GPA: 3.69

LANGUAGES & TOOLS

Web Development
HTML5 CSS JavaScript/jQuery
PHP React Angular AJAX
Bootstrap D3.js

Native Application Development
MASM x64 C C++ C# Python
Java

Server-Side Development
ASP.NET ASP.NET Core
ASP.NET MVC Razor Pages Node.js
Oracle SQL Server MySQL

Software & Technologies
Git Jira Bash Selenium IIS
AWS Flask Azure GCS
Oracle Cloud RESTful API MVC
Visual Paradigm Balsamiq Mockups
Client-Server Multithreading
Networking Agile Scrum

WORK EXPERIENCE

Apogee International Marketing
Lead Software Engineer

📅 July 2020 – Present

📍 Encino, CA

REFERENCES

Ron Hay   *July 2020 — Present*
👤 Apogee International Marketing CEO
✉ rhayworldwide@gmail.com

Afshin Amini   *Fall 2019 — Spring 2020*
👤 CSUN Computer Science Professor
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Mohammed Abdelrahim   *Fall 2017*
👤 CSUN Computer Science Professor
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