WI ISSARAKOAT

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Analytical and hands-on candidate offering a strong academic foundation and knowledge in software engineering and programming principles across multiple platforms. Experienced in full project lifecycle from design to implementation to integration. Quickly learn and master new technologies, proficient in an array of object-oriented programming; developing, testing and debugging code; and administering systems.

EDUCATION

May 2020	**BACHELOR OF SCIENCE IN COMPUTER SCIENCE** **University of Utah College of Engineering**, Salt Lake City, UT | **GPA**: 3.5 **Relevant Coursework**: Algorithms, Computer Graphics, Database System, OS, AI, Web Software Architect
May 2006	**BACHELOR OF INTERNATIONAL BUSINESS** **Huachiew Chalermprakiet University,** Samuthprakan, Thailand

WORK EXPERIENCE

2019 - present — Web Designer/Full Stack (Freelance)
- Design a website that satisfies clients, choose and design database that satisfies the website for example (https://www.vt-press.com/)
- Responsible for developing new tech and diagnosed errors and solve problems. For example, added another language into the website (react-translate-component)

2016 – present — Advertising for companies in GoogleAdWords (Freelance)
- Manage Google AdWords accounts for clients, increase new visitors by 30% for the first 3 months and Increase publisher revenue by 20% for the first year

2010 – present — Music (Freelance)
- Teaching Jazz Guitar using the application (my own music theory library) I had created in 2017; 100% of my students reached their goal of understanding music theory and improvisation on jazz guitar
- Perform different types of music with other musician from different areas for weddings, restaurants and studio recording

RELEVANT PROJECTS

Fall 2019 — Learning outcomes Tracker (Full stack app: c#, javaScript, html/css, sql)
- ASP.Net core MVC with EF core, ASP.Net Identity for users and roles, SMTP server for email confirmation for backend. Bootstrap, custom CSS, and multiple libraries for frontend
- Design database that Support CRUD operations for all tables and support Administration system.
- Manipulate data with AJAX to change contents of the page without reloading the page
- Report analyzed data for Chair role including Learning outcomes completion and professor's efficiency

Summer 2019 — Favlink (Full stack app: javaScript, html/css, nosql, react https://favlinkz.com/**)**
- Create-react-app, Firebase database, React hook
- Allow Users to log in using google authentication provider to use the web application
- Allow Users to Add and remove their favorite links and description to the web application

Spring 2019 — Learning management system (Backend: c#, sql, mvc)
- ASP.Net Core MVC Framework
- Design a database to server as high-level abstract design as entity relationship model
- Creating SQL tables in database that satisfy the relational requirements
- Test and verify database by manually and procedurally manipulating data in the tables
- Implement the back end of a web server to provide user-friendly access to the system based on user input and return relevant information to the front-end

Fall 2017 — Typanomicon (Typing Practice Game app: c++, mv, physic engine, github)
- Spearheaded the design and programming of the game's GUI while working collaboratively with 6 team members
- Utilized QT to program and compile the video game in C++.
- Added customized objects using Box 2D engine.

Summer 2017 — Music Improvise App (Application: c#, mvc)
- Created music theory library and use the library to create application to teach how to improvise music on guitar including audio and images
- Use MVC architectural pattern for the application