Paul Chiu

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Linkedin | GitHub | Portfolio

Summary

Seeking a position in computer software where it can allow me to utilize my coding skills to develop and solve programs, and also further build my abilities in the software field.

Technical Skills

Web Development
JavaScript/React/jQuery
PHP/Ajax/Twig/Node.JS
HTML5
CSS/Bootstrap/LESS

Software Development
Java
C++

Database
MySQL
Cloud FireStore

Experience

Full Stack Developer - Tiger Applications LLC
- Implemented a dynamic webpage for Tiger Applications LLC from scratch.
- Converted SQL structure to Firebase structure to use Google Cloud FireStore.
- Coordinate with seniors to ensure applications work cross platforms periodically.

Superprof - Programming Tutor (Part-time)
- Guide students with academic assignments and coding problems.
- Teach students Java, C++, JavaScript, HTML/CSS as well as making coding questions for students to review.

Projects

Tiger Applications LLC

A colorful website that advertises Tiger Applications LLC apps.
- Provide useful web functionality for clients and client specific needs.
- Styled and arranged company apps to be consistent and visually appealing.
- Customized responsive navigation layout for mobile and desktop devices.
- Converted the entire website to use React.
- Debugged technical support email.

StrataPLBm

A web app that allows condo stratas to easily manage the building's parking, locker and bikes.
- Constructed intuitive requests forms that allow condo residents to submit inquiries.
- Enhanced app speed and efficiency through Firebase rules.
- Implemented a secure login system that secures the company's data.
- Developed a simple migration tool to upload databases to Firebase.
- Programmed a permission setting on the back-end.
- Debugging and maintaining updates with the help of peers regularly.
- Arranged database structure for fast Firebase query.

Personal Projects

Connect 4
A 2-players board game that I built to practice ReactJS with Es6.
- Used state hooks instead of classes to handle board changes.

Werewolf Discord Bot
A social deduction game similar to Mafia but with a few fun twists. This bot replaces the narrator so that everyone can participate in the game.
- Used Discord's emoji reactions to allow players to interact with the bot for their choices.

Unlock Code
A fun little project to see if I can replicate what Snowden said about passwords under 8 characters can be solved under a second.
- Built with permutations and combinations algorithm.
- Achieved average 5.5s to solve 8 digits code.

Education
Langara College, 100 W 49th Ave, Vancouver
- Associate of Science Degree in Computer Science.

Academic Work
- Designed a local two player tic tac toe game only using sockets to send encrypted messages as signals to update user interface in Java.
- Coded a fun gradius shooter game in Java by drawing 2D shapes in JFrame and a timer object to repaint the frame to achieve similarly 60 fps.
- Created a colorful Pokémon codex website using PHP, JavaScript, HTML, LESS, and MySQL.
- Built a working digital clock purely using logic gate chips, circuit boards, simple resistors, and LED seven segment display chips.
- Wrote Java program test case codes to ensure the correct behaviour is expected.

Other Skills
- Great with Microsoft Word, Excel, PowerPoint and Database.
- Easy-going, organized, reliable and very patient.
- Great collaboration and communication skills
- Fluent in both English and Mandarin.

References Available Upon Request.