YUN-CHI HSIAO

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PROFILE

A self-motivated upcoming computer science graduate with solid programming background based on three-year experience of accomplishing several challenging. I possess competent problem-solving ability and interpersonal skills. I am also familiar with operating system through applying the concept of C Language and have a good understanding of web development from programming various applications.

EDUCATION

BACHELOR OF SCIENCE: COMPUTER AND SOFTWARE SYSTEM   Expected in 07/2022
University of Melbourne , Melbourne VIC
The grade of Major Subjects:
• Object Oriented Software Development - H1 (89)
• Algorithm and Data Structure - H1 (86)
• Software Modelling and Design - H1 (80)

HIGH SCHOOL   11/2018
Glen Waverley Secondary College , Melbourne VIC

PROGRAMMING KNOWLEDGE

· **Language:** JavaScript, Ruby, Java, C
· **Framework & Library:** ReactJS, Ruby on Rails
· **Database:** SQLite3
· **Tool:** GitHub, Jira, Confluence, Figma
· **Algorithms and Data Structures:** Array, Linked-list, Binary search, Hashing, Sorting
· **Web Development:** HTML, CSS, JavaScript, ReactJS, JSON, MaterialUI, Bootstrap
· **Network:** TCP, UDP, OSI Model, DNS
· **Operating System:** Processes and Memory management, Cryptography
· **Software Modelling and Design:** GRASP, GoF patterns, Domain and Design model

PROJECT EXPERIENCE

Personal Website: *https://is0xjh25.github.io*
GitHub: *https://github.com/is0xjh25*
Personal-CRM (ReactJS):
- Familiarized with software architecture.
- Applied Figma to create user interface template.
- Participated in user interface enhancement by using MaterialUI
- Learnt how to set APIa to communicate between frontend and backend.
- Experienced team-based workflow and strengthened communication skill.
- Contacted client and understood the client's requirements.
- Handled project management by using Confluence, Jira, and Slack.
- Visit **ConnectTi**: *https://comp30022-yyds.herokuapp.com*

Shoes Trading Platform (ReactJS):
- Achieved redirecting URL for visiting different pages via Router
- Simulated a backend server(db.json) to practice GET, POST, PUT and DELETE APIs

- Practiced Bootstrap to enhance user interface
- Practiced authorization checking using JS-Cookies
- Maintained authorization level and security
- Visit **PinkyBoot**: *https://github.com/is0xjh25/pinkyboot*

Bitcoin Price Searching Website (HTML, CSS, JavaScript):
- Used JavaScript to manipulate DOM
- Familiarized with fetching data via public APIs
- Achieved automatic information updating
- Simulated a mock database by using db.json
- Visit **is0xBitcoin**: *https://github.com/is0xjh25/is0xbitcoin*

Activity Searching Application (Ruby):
- Designed a command line interface
- Understood Object–relational mapping (ORM) concept
- Practiced ActiveRecord querying to achieve CRUD
- Familiarized with Rake to define tasks
- Fetched data from remote sources by using Net::HTTP
- Visit **is0xNextToDo**: *https://github.com/is0xjh25/is0xnexttodo*

DNS Server Management (C Language):
- Understood DNS packet (via Wireshark)
- Created an analyser for the incoming requests and practiced the socket connection
- Forwarded the client's inquiry to upper DNS server and replied with correct IP address
- Constructed caching feature and multi-threads functionality by pthread
- Visit **DNS Server**: *https://github.com/is0xjh25/dns-server*

WORKING EXPERIENCE

- **Prime Removalists:** House mover (from Nov 2018 to Jun 2021)
- **Boronia Two-dollar Shop:** Cashier (from Jan 2021 to Jun 2021)

HOBBIES

- Playing basketball
- Going to gym
- Meditation
- Watching movies

REFERRES

Andre Hermanto
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