

# YUN-CHI HSIAO

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## PROFILE

A self-motivated upcoming computer science graduate with solid programming background based on two-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 object-oriented programming from appending features in various applications. I am a great team player who learnt from collaborative coding projects with classmates in school.

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## 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

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## PROGRAMMING KNOWLEDGE

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

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## PROJECT EXPERIENCE

**Personal-CRM (JavaScript, React, Java, Sprint Boot):**

- Designed and developed a proficient personal CRM web-based application.
- Familiarized with software architecture.
- Applied Figma to create user interface template.
- Participated in user interface design.
- Learnt how to set API 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>

**DNS Server Management (C Language):**

- Understood DNS packet (via Wireshark)
- Practiced the socket connection

