Wen Hong Liew (Nathan)

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Education

University Of Nebraska-Lincoln, *Lincoln,NE, USA*   *Graduate:* Fall 2023
B.S in Computer Science   GPA: 3.87
Minor in Mathematics
CGPA: 3.48 /Dean's List Fall 2020, Spring 2022

Work Experience

Cyber Security Intern   June 2022 -August 2022
Nebraska Judicial Branch, Justice Administration Office, IT Division, *Lincoln, Nebraska, United States*
- ❏ Penetration testing with GoPhish application by creating email templates and login pages using HTML and CSS
- ❏ Manage different websites using prepared Zoho developer tools with CSS and Javascript code implementing live chat and web tickets and write articles on website's user interface
- ❏ Weekly Scrum meeting on total troubleshoot tickets and managing inventory with a database

ETS Robotics Programming Mentor   Jan 2021-Sept 2021
UNL-TRIO Programs-Educational Talent Search (ETS)*, Lincoln, Nebraska, United States*
- ❏ Prepare, revise and evaluate 18 weeks of lesson plan and course contents with video format for a virtual robotics course using a Sphero Bolt robot
- ❏ Create a hands-on and collaborative learning environment for high school students by promoting active participation on Zoom with Sphero Bolt robot during the Spring Robotics Camp
- ❏ Promote teamwork and problem solving skills within students by engaging with students in a physical classroom during the Summer Robotics Camp
- ❏ Organize class trips to different workshops to learn about the industrial use of drones, the process of 3D printing in a bigger scale and the designs and use of different types of medical robots used in hospitals

Co-Founder @(TimeForFood)
- ❏ Started and operated a food delivery company where consumers are able to place order based on website
- ❏ Build a strong verbal and written communication skills including the ability to build successful relationships with customers and university catering services
- ❏ Have a solid understanding of the website operating system and managed the flow of orders from restaurant owners to customers
- ❏ Utilized Google Services such as Google Forms and Gmail
- ❏ Assist in sales and marketing by development of systematic follow-up on actions plan which includes getting feedbacks and giving referrals

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Club Involvement
Vex Robotics Club
- ❏ Part of VEX Robotics Competition Programming team
- ❏ Learn to build and program robots with C/C++ Programming Languages
- ❏ Wrote a program that allows robot to differentiate between the color red and blue color in milliseconds using a vision sensor camera

CornHacks 2021 Hackathon Organizer, *University Of Nebraska-Lincoln*
- ❏ Work with organizing committee to attract talented developers, qualified judges and sponsors from different companies
- ❏ Improve and modify CornHacks Hackathon main website written in Javascript and Go

Participation: CornHacks 2022 (Husker Banking Project- HTML, CSS, MySQL, React, NodeJs)

Courses
- ❏ *Math*: Calculus 1, Calculus 2, Statistics, Discrete Math, Software Engineering, Data Structure & Algorithm
- ❏ *Programming Languages*:C, Java,MySQL, JSON, XML, Unix, C#, ASPNet , JavaScript, HTML, CSS

Language Skills
- ❏ Native Proficiency: English and Mandarin
- ❏ Full Professional Proficiency: Malay and Cantonese
- ❏ Limited Professional Proficiency: Russian and Japanese

Project

- Ecommerce Website (HTML.CSS, Javascript, ASP.Net, C#. CSHTML. MVC Framework, Entity Framework, MySQL, Unit Testing) - 4 group members
  - ❏ Weekly Sprint Meeting to discuss about progress using ZenHub with the application of agile process and SOLID principles
  - ❏ Created frontend web pages using CSHTML placed in the View and called by the Controllers
  - ❏ Connected backend with Entity Framework with MySQL by creating query stored in C# with Model and created test cases for unit testing

Slides:https://docs.google.com/presentation/d/1fa4-ppPSysDFfgjddUTfWCNmIrjCsitUS9Ph87k92B0/edit?usp=sharing

Website Walkthrough: https://www.youtube.com/watch?v=iwgckXHj1Vo

- Invoice Report (Java,MySQL, Java Database Connection) - 2 group members
  - ❏ A project that creates an update invoice system for a car rental company
  - ❏ The program updates invoice system by printing out Invoice Reports connected from MySQL database using JDBC API
  - ❏ The program is fully based on the best implementation of OOP that includes Abstraction, Encapsulation, Inheritance and Polymorphism

Slidesk:https://docs.google.com/document/d/1qVS1yhOd7DSpaH2asBvRUbrNKRfnRAayAnw_uROxLvI/edit?usp=sharing
Github:https://github.com/NathanLiew214/InvoiceReport