Nathan Liew

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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: 3.51 /Dean's List Fall 2020, Spring 2022

Work Experience

Nebraska Judicial Branch, Justice Administration Office, IT Division, *Lincoln, Nebraska, United States*

Java Developer   January 2023-Current

- ❏ Convert thousands of pdf forms to searchable pdf format with Amazon Web Service API using Java and Maven and run codes automatically with bash scripts
- ❏ Tools: AWS, Java, Machine Learning, Maven, Bash Scripts

Cyber Security Intern   June 2022 -Dec 2022

- ❏ 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

Crete Carrier Corporation, 400 NW 56th St, *Lincoln, Nebraska 68528*

Python Flask Web Developer   August 2022 - Current

- ❏ Weekly Sponsor Meeting to track progress on sprints, roadmap and accomplishments through AGILE and SCRUM
- ❏ Create a CRM Web Application consisting Basic, Pricing Sales, Operations and Contract Management Profile as a Capstone Project with a team of five members
- ❏ Worked on pulling, saving and updating inputs to the database, functional collapsible sidebar and designing databases
- ❏ Languages: HTML, CSS, Javascript, Bootstrap, Microsoft SQL, Gitlab, Python , Flask Framework

UNL-TRIO Programs-Educational Talent Search (ETS)*, Lincoln, Nebraska, United States*

ETS Robotics Programming Mentor   Jan 2021-Sep 2021

- ❏ 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
- ❏

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, Internet System, Information Retrieval System, Design of Algorithms
- ❏ *Programming Languages*:C, Java,MySQL, JSON, XML, Unix, C#, ASPNet , JavaScript, HTML, CSS, Bootstrap, Python, Flask, MVC,GitHub, Javascript

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

Project
Web development Projects:
My Portfolio Website: https://nathanliewportfolio.netlify.app/

Java Projects:
 Invoice Report (Java,MySQL, Java Database Connection) - 2 group members
- ❏ A project that creates an update invoice system for a car rental company 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