

# CARL LIN

407-314-2701 | [lincarl@ufl.edu](mailto:lincarl@ufl.edu) | [github.com/lincarl1](https://github.com/lincarl1) | [lincarl1.github.io](https://lincarl1.github.io)

## EDUCATION

University of Florida, Herbert Wertheim College of Engineering

May 2021

Bachelor of Science in Computer Science

Gainesville, FL

Minor – Business Administration

- GPA: 3.32/ 4.0
- Relative Coursework: Data Structures and Algorithms, Discrete Mathematics, Intro to Software Engineering, Information and Database Systems, Operating Systems, User Experience Design, Computer Network Fundamentals, and Human Centered Interaction

## PROJECTS

- Petrees' Prints Web Application
  - A custom web application utilizing the MEAN stack that allows customers to purchase their own images on different mediums and have them shipped
  - Scrum Master, whose main responsibility was front-end development using HTML, Angular, and CSS
- Sudoku Solver
  - Created a program that is capable of solving any predetermined board of Sudoku using the backtracking algorithm
- Chess AI Engine, Pacman Simulator, Line Editor, Google's Page Rank Algorithm, and Tic Tac Toe Game

## PROFESSIONAL EXPERIENCE

Theissen Training Systems

June 2020 - Present

Engineering Intern

Gainesville, FL

Currently working as an engineering intern at Theissen Training Systems

- Helped with the creation of an Access Control System utilizing D-805 door expansion units to ensure that the building was secured for all workers
- Ensured that the production warehouse met all OSHA safety guideline requirements and the entire warehouse was properly organized

RecSports

September 2019 - Present

Sports Referee

Gainesville, FL

Currently working as a referee for intramural sports at the University of Florida

- Ensure the safety of all participants and enforce the rules in order to encourage fair play

New Hong Kong

August 2015 – June 2017

Training Manager

Altamonte Springs, FL

Served on the staff of a Chinese takeout restaurant based out of Central Florida

- Trained new employees on how to take orders utilizing the POS system
- Resolved disputes between customers and the restaurant on orders which lead to better customer moral
- Completed and adjusted micro-transactions so they accurately reflected daily operations

## INVOLVEMENT

Association of Computer Engineers

January 2019 – Present

Software Engineer

Gainesville, FL

Member of the Association of Computer Engineers at the University of Florida, an organization that is dedicated to helping individuals with a computer science, computer engineering, or electrical engineering background improve their technical skills in order to be better prepared for their professional career.

- Networked with fellow engineers and attended workshops that helped me better tune my skills for the workforce.

University of Florida Association for Computing Machinery

September 2018 – Present

Software Engineer

Gainesville, FL

Member of the Association for Computing Machinery (ACM), an organization dedicated to the creation of new coding projects

- Attended workshops that allowed myself to better understand the use of algorithms and changed my mindset when taking on challenging problems

Hackathons Attended - Swamp Hacks (University of Florida) and Hack Illinois (University of Illinois – Urbana Champaign)

## SKILLS

- Languages: Proficient in Java and C++; Intermediate in JavaScript, Python, C, HTML, and SQL
- Technologies: Linux, MacOS, Windows, MongoDB, Node.js, ExpressJS, Mocha, React, and Angular
- Proficient in Chinese; Intermediate in Spanish