

Zion 'Sean' Ko

CONTACT:

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- [GitHub](#)
- [LinkedIn](#)
- [Website](#)

EDUCATION:

Bachelor of Science in Computer Science

University of Massachusetts, Lowell,
MA, June 2021

Overall GPA: 3.9

Bachelor of Science in Business Administration

University of Massachusetts, Lowell,
MA, August 2018

Overall GPA: 3.8

RELEVANT COURSEWORK:

- Object-Oriented Programming
- Computer Architecture
- Analysis of Algorithms
- Operating Systems
- GUI Programming
- Computer Graphics
- Machine Learning

PROGRAMMING SKILLS:

Proficient:

JavaScript, React, HTML/CSS,
Python, C/C++, Git

Learning:

WebGL, SQL, Swift

ADDITIONAL SKILLS:

- Fluent in English and Korean
- Strong analytical and problem-solving skills
- Ability to work in a fast-paced, high-pressure environment
- Able to multi-task
- Strong business background
- Experience in leading and managing teams and small businesses
- Interpersonal/communication skills

OBJECTIVE/SUMMARY

- Ambitious and results-driven individual with a background in computer science and business administration. Seeking a challenging role in software development. Proven ability to work effectively in a team, solve problems, and deliver efficient solutions. Committed to continuous learning and professional growth.

PROGRAMMING EXPERIENCE/PROJECTS

Macarons Paresseux – Small Business Web App

- Designed to assist small business owners in managing fast-paced operations.
- Utilized React's component-based architecture for modular and scalable code.
- Engineered a robust order management system and overview dashboard for real-time insights.
- Integrated backend functionality, including the development of APIs for order management and data storage.

Simple Paint Board App

- Created an intuitive web application using JavaScript and HTML Canvas for creating and interacting with shapes and lines effortlessly.
- Incorporated a versatile save and load feature allowing users to download their creations in both JPEG and JSON formats.

Ski Resorts and Mountains Search Engine

- *Designed and developed a search engine web application for ski resorts using HTML, CSS, JavaScript, Node.js, React, and MongoDB.*
- Ensured an intuitive and responsive user interface with Bootstrap to front-end communication and optimized application performance.
- Integrated a MongoDB database in JSON format for seamless data retrieval, ensuring a smooth user experience with minimal latency.

For a detailed view of my programming projects, please refer to my GitHub page.

WORK EXPERIENCE

Amazon Fulfillment Center, Pflugerville, TX

Warehouse Associate (February 2022–Current)

- Executed tasks with unwavering attention to detail and precision in a dynamic, fast-paced environment.
- Implemented strategies to maintain a consistently clean, organized, and safe workspace, elevating overall efficiency and workplace safety.

Pilgrim Cleaners, Haverhill, MA

Store Manager (July 2019 - June 2021)

- Collaborated to enhance service quality and operational efficiency, resulting in improved customer satisfaction.
- Applied data-driven insights to refine order accuracy and processing speed, optimizing the overall customer experience.

Crown Cleaners, Salem, NH

Store Manager (August 2016 - March 2018)

- Led a customer-centric approach to exceptional service delivery, fostering a positive environment and ensuring client satisfaction.
- Innovated by introducing an efficient sorting system based on customer preferences, minimizing wait times and streamlining operations.