Chin-Chou (Johnny) Ko

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EDUCATION

University of Southern California – Los Angeles, California   May 2019- December 2020
Master of Science in Computer Science
- Relevant Coursework: Database Systems, Analysis of Algorithms, Web Technologies, User Experience Design and Strategy

Oregon State University – Corvallis, Oregon   June 2016- August 2018
Completed 10 courses toward Bachelor of Science in Computer Science   GPA 3.6
- Relevant Coursework: Discrete Math, Data Structures, Analysis of Algorithms, Introduction to Databases, Web Development, Usability Engineering

University of Illinois at Urbana Champaign – Champaign County, Illinois   August 2009- July 2010
Master of Science in Technology Management   GPA 3.66
- Selected Coursework: Technology Practicum (Project Manager), Project Management

Chang Gung University – Taoyuan, Taiwan   September 2003- June 2006
Bachelor of Science in Health Care Management

SKILLS

Programming Languages: proficient in Java, JavaScript, experience with Python, C++, C# and C
Database Technologies: proficient in SQL, experience with MongoDB, Google BigQuery and CloudDatalab
Web Technologies: proficient in HTML, CSS, JavaScript, React, Vue.js, Bootstrap, Typescript, Node.js, RESTful APIs, JSON, Ajax, experience with Android Studio, AWS and GCP.
Tools: experience with GitHub, Sketch and Unity

EXPERIENCE

Truckxi.com – Los Angeles, California   June 2021- Present
Frontend Software Engineer
- Collaborated with the backend team and a new customer to create a Vue.js E-commerce site.
- Used React to maintain and develop a suite of Enterprise Resource Planning software applications that allows customers to manage and control their inventory, logistics and purchase orders.

Machine Analytics – Los Angeles, California   May 2021- August 2021
Software Engineering Intern
- Used React and Google QR Code API to develop a new solution (QR Code generator) for users to get live data from the machine that is close to the device.

Parallel Agile – Los Angeles, California   January 2021- May 2021
Software Engineering Intern
- Used React, Typescript, Node.js, Express.js and MongoDB to develop a new full-stack map picker web application that allows users to pick a location to get latitude and longitude, integrate with RESTful APIs, then save them into the database.

PROJECTS

User Experience Design and Strategy   August-December 2020
- Created a coffee shop reservation app prototype and its business strategy. Topics include competitive analysis, identification of marketplace opportunities, value innovation, rapid prototyping (in Sketch), customer discovery and designing for conversion using metrics. https://github.com/johnnyko28/UX-Design-GrabCoffee-Sketch

Android Mobile Application Development   April-May 2020
- Used Java, JSON, third-party libraries (Picasso and Volley) and APIs (Guardian News, Google Trends and Open Weather) to implement an Android application, allowing users to search for the latest news, look at detailed information, bookmark those news and post on Twitter. https://github.com/johnnyko28/Android-News-App