

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, Bootstrap, Typescript, Node.js, experience with RESTful APIs, JSON, Ajax, Android Studio, AWS and GCP.

Tools: experience with GitHub, Sketch and Unity

EXPERIENCE

Parallel Agile – Los Angeles, California January 2021- Present

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 latest news, look at detailed information, bookmark those news and post on Twitter.

<https://github.com/johnnyko28/Android-News-App>

Full Stack Web Development February-April 2020

- Used HTML5, CSS, JavaScript, JSON, Ajax, React, React-Bootstrap, Node.js, Python Flask, AWS and APIs(Google News, Guardian News and New York Times) to create two full stack news webpages allow users to browse top headlines from different sources

<https://bit.ly/3qmHyTx> <https://bit.ly/3lyGWXo>

Full Stack Web Development January- February 2019

- Built a full stack online shopping website in Node.js, Bootstrap and MongoDB, allowing users to login, signup, upload products and leave comments.

https://github.com/johnnyko28/Website-KoAndCo-NodeJS_MongoDB