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, Mobile Social Games

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 Google BigQuery, CloudDatalab and MongoDB
Web Technologies: proficient in HTML, CSS, JavaScript, experience with Android Studio, React, Bootstrap, Node.js, JSON, Ajax, AWS and GCP.
Tools: experience with Sketch, Unity and Github

EXPERIENCE

Software Engineer Intern   January 2021- Present
Parallel Agile – Los Angeles, California

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