

Boon Yeow Koh

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SUMMARY

Recently graduated with a computer science major with internship experience in software development and seeking full time positions in summer 2022.

EDUCATION

B.S. Computer Science

Arizona State University, Tempe, AZ

Graduated May 2022

3.73 GPA

SKILLS

Programming Languages: Java, C/C++, Python, R, SQL, Swift

Web Languages: HTML, CSS, JavaScript

Tools and OS: Xcode, React Native, Git, GitHub, Bitbucket, Windows, MacOS, Linux/Unix

Others: Microsoft Excel, PowerPoint, Word, Tableau, Visio

Languages: English, Mandarin, Cantonese

PROFESSIONAL EXPERIENCE

Eyesbox, Chandler, AZ: Software Engineering Intern

06/2021 - 08/2021

- Developed a recipe social media mobile app using **React Native** for the IOS and Android platform for users to follow different chefs, learn new recipes, and post their own recipes for others to learn
- Tested and fixed bugs to improve performance and aesthetics of the app
- Documented changes in the app for other developers to be able to use the app and understand the code
- Created and submitted new tasks and potential bugs using JIRA software to the project team to be fixed and verified
- Managed and assigned new tasks to the interns in the frontend development team to complete the implementation key features of the recipe app within the deadline

Surbana Jurong, Singapore: STPL Intern

06/2019 - 08/2019

- Designed and cross-compiled a C program into Raspberry Pi that uses serial communication (UART) to retrieve and decode LMD (Lift Monitoring Device) protocols to detect lift faults
- Monitored and updated 750 lifts and LMPD (Lift Monitoring Predictive Device) IoT software for STPL data scientists to collect data and test algorithms for predictive maintenance
- Investigated the work process of on-site technicians and published a LMPD deployment manual to improve technicians understanding and work efficiency
- Communicated with the clients of the LMPD project and gathered client's requirements for the project manager to develop solutions for the project
- Presented the internship project to the stakeholders and highlighted the issues of the LMPD update system to the Managing Director to improve the efficiency of the system

ACADEMIC PROJECTS

COVID-19 Modeling Dashboard

Spring 2022

- Collaborated with students to extract and analyze Covid CSV data to build a dashboard using **HTML**, **CSS**, **JavaScript** and **D3** that models the worldwide Covid-19 statistics

Data Analysis and Exploration with NBA Statistics

Fall 2021

- Analyzed NBA statistics by extracting CSV data and creating charts using **Python** to find out what characteristics make an NBA team successful

WORK EXPERIENCE

Arizona State University, Tempe, AZ: ASU 101 Section Leader

08/2021 - 12/2021

- Instructed 40 students with time management and career plan lectures and provided resources to help them achieve their career and college goals

LEADERSHIP

ASU Singapore Student Association, Tempe, AZ: Founder and President

01/2019 - Present

- Founded an organization for 20 Singaporean exchange and full-time students to connect and help each other
- Established an Arizona Singaporean community group chat together with Singapore Global Network to help connect 40 Singaporean students, families, and working professionals in Arizona