CHRISTOPHER ALEXANDER

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SUMMARY OF QUALIFICATIONS

- Proficient in end-to-end Web Development: front-end JavaScript framework (React, Angular, Vue), Database (SQL, NoSQL), back-end programming (Java, Python, C++), deploy tools (Vercel, AWS, Azure).
- Experienced in internships and projects with multi-scale companies such as IBM and Microsoft
- Programming: Java (experienced), Python (moderate), C++ (beginner), JavaScript (experienced), SQL (experienced), html (experienced).
- Fluent in: English, Indonesian

EDUCATION

University of Washington, *Seattle, WA*   *Graduated June 2021*
Bachelor of Science, Electrical and Computer Engineering (ECE)   **GPA:** 3.6
Relevant coursework: Advanced Data Structures & Algorithm, Database Management Systems, Digital Design, Programming Concepts Tools, Computer Architecture.

SELECTED EXPERIENCE

Software Engineer, Senior Capstone Project Team, Microsoft, *Seattle, WA*   January – June 2021
- Sponsored project partnered with University of Washington in developing a framework to compare and test multiple database solution for Minecraft Bedrock edition, achieved by comparing space and time complexity of each database solution.
- Served as concrete data to backup Minecraft developers' idea to replace current Minecraft Bedrock database in the future updates.
- Delivered an efficient framework in C++ and Python that outputs a comparison between two database solutions (current vs potential) in python chart / graph.

Software Engineer Internship, IBM, *Jakarta, Indonesia*   October 2020 – April 2021
https://n2ms-workplace-dev.au-syd.mybluemix.net/ & https://n2ms.au-syd.mybluemix.net/
- Developed a workplace management system to handle COVID-19 spread related issues such as routine and on demand cleaning schedule in specific spots in the office.
- Delivered as an internal website to be used by the Human Resource team and Mobile Application for cleaning services. Both applications developed in React and interact by sending notifications to each other (by API).

Software Engineer, Triple One Global, *Jakarta, Indonesia*   August – October 2020
https://koperasi.monsterar.co.id/
- Contracted for a project to manage medium to small cooperation systems in Kalimantan and Solo, Indonesia.
- Delivered a website-based client management system to overview cooperation members, financials, and loans.

ADDITIONAL EXPERIENCE

Software Engineer Internship, PT. Mitra Adi Perkasa Tbk., *Jakarta, Indonesia*   July – August 2019
- Developed a web sales report for Sephora, adding online payment option for MAP E-MALL, and adding MAP Voucher usage option in the MAP E-MALL Application.

Web Developer & Creative Team, ISAUW, University of Washington, *Seattle, WA*   August 2019 – June 2021
- Developed the ISAUW profile website and ISAUW pay as mobile payment system that used on various ISAUW events.

Electrical Engineering Rep., COESAC, University of Washington, *Seattle, WA*   October 2019 – October 2020
- Provides a student perspective on policy, planning, student programming, and budgeting matters for the College of Engineering.