CHRISTOPHER ALEXANDER

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EDUCATION

B.S. Electrical Engineering
University of Washington – Seattle, WA
Expected Graduation: June 2021
GPA: 3.59

A.S. Associate in Science Transfer
Shoreline Community College – Shoreline WA
Graduated: Spring 2019
GPA: 3.75

SELECTED WORK EXPERIENCE

Software Engineer Internship | PT. Mitra Adi Perkasa Tbk. | July 2019 – August 2019
- Developing 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.

Frontend Web Developer | Triple One Global Indonesia | September 2020 – October 2020
- Developing a cooperation management system to support small to medium business in various undeveloped area outside Jakarta, using Vue.JS and Spring booted Java.

Application Developer Internship | IBM Indonesia | October 2020 – Present
- Developing "New Normal Workspace" project using React Hooks and Golang to handle various COVID-19 related issues in internal and external workspace situation.

TECHNICAL SKILLS & ABILITIES

- **Programming Language** (Java, MATLAB, Python, Verilog, SystemVerilog, PHP)
- **Database** (SQL, MySQL)
- **Web Development** (HTML, CSS, JavaScript, ReactJS, VueJS, Angular, Bootstrap)
- **Mobile App Development** (Android Studio, Ionic 4)
- **Others** (Adobe series, SolidWorks, API development, Business Process, Data Flow, Algorithm Solver)

LEADERSHIP EXPERIENCE AND ACTIVITIES

Vice President and Head of Creative | Indonesian Shoreline Community | September 2017 - May 2019
- Created and hosted a lot of events for Indonesian students that came to Seattle. Events include creating an Indonesian sports night, food fundraising, welcoming party and graduation night.

Electrical Engineering Representative | COESAC at University of Washington | October 2019
- Provides a student perspective on policy, planning, student programming, and budgeting matters for the College of Engineering.

Web Developer | Indonesian Student Association at UW | August 2019 – Present
- Create and maintain the ISAUW Website and ISAUW Pay. (http://isauw.org & http://isauw.org/pay)

SELECTED PROGRAMMING PROJECTS

Minecraft Save System Framework | January 2021 | Sponsored by Microsoft
- Develop a framework to easily test Minecraft current and future database reliability and performance in C++.

"Sephora" Web Report | September 2019
- Implemented Java (Injected with Spring Frameworks) as the core back-end and presented using Angular as the front-end fundamentals.

ISAUW Website and ISAUW Pay | August 2019
- Develop a website from scratch using HTML, CSS, JavaScript and host it using "HostGator", results can be seen on http://isauw.org.

New Normal Workspace Management | October 2020
- Develop a workplace management system to handle various COVID-19 related issues such as routine and on demand cleaning schedule in common and specific spots using React Hooks and Golang.
- Project heavily works on coordinate / dot drawing and detection to handle every spot in the office floorplan.