

# CHRISTOPHER ALEXANDER

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## EDUCATION

### **B.S. Electrical Engineering**

University of Washington – Seattle, WA

Expected Graduation: June 2021

GPA: 3.55

### **A.S. Associate in Science Transfer**

Shoreline Community College – Shoreline WA

Graduated: Spring 2019

GPA: 3.75

## WORK EXPERIENCE

### **Upper Level Math Tutor** | Shoreline Community College | July 2018 – April 2019

- Provide helps to drop in tutoring for students in the Shoreline Community College.
- Classes offered are algebra, pre-calculus, calculus, multivariable calculus and statistics.

### **Software Engineer Internship** | PT. Mitra Adi Perkasa Tbk. | July 2019 – August 2019

- Creating a web sales report for Sephora, adding online payment option (Go-Pay and OVO) for MAP E-MALL with the help of API, and adding MAP Voucher usage option in the MAP E-MALL Application.

### **Software Development Consultant Internship** | PT. Wenardy Digitech Indonesia | July 2020 – August 2020

- Developed various front-end and back-end projects utilizing Laravel, ReactJS, PHP, and MySQL.

## TECHNICAL SKILLS & ABILITIES

- **Programming Language** (Java, MATLAB, Python, Firebase, Verilog, PHP)
- **Database** (SQL, MySQL)
- **Web Development** (HTML, CSS, Squarespace, JavaScript, ReactJS, NodeJS)
- **Mobile App Development** (Android Studio, XML, Json)
- **Others** (Adobe series, SolidWorks, SAP (Product, MM, PP, R/3), 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 Development Support** | 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

### **"Sephora" Web Report** | September 2019

- Implemented Java (Injected with Spring Frameworks) as the core back-end and presented using HTML5, CSS3, and JavaScript as the front-end fundamentals.
- Bridging data from SQL Database to the website so it can be easily accessed on the store with internet connections. (Screenshots and code of the project available through request).

### **Sudoku Solver** | March 2019

- Built a brute force sudoku solver in Java that takes a 9x9 sudoku puzzle.
- Use recursions in the implementations to make a possible solution out of the puzzle.

### **ISAUW Website and ISAUW Pay** | August 2019

- Built a website from scratch using HTML, CSS, JavaScript and host it using "HostGator", results can be seen on <http://isauw.org>.
- Make an online payment system for ISAUW events using QR code generator, SQL (Database), and PHP Frameworks.