

# YUSUF ALP

## SOFTWARE ENGINEER

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(510) 520-1382 | [alpyusuf007@gmail.com](mailto:alpyusuf007@gmail.com)

[Linkedin](#) | [Github](#) | [Portfolio](#)

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I am a software engineer and a life-long educator and learner who is passionate about technology that makes our world better. I bring a unique perspective and experiences to development because of my experience in education. I am looking for an opportunity that will allow me to make a meaningful contribution worldwide.

## SKILLS

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*FRONT END:* JavaScript ES6, React and React Hooks, Babel, Jest, Enzyme, jQuery, HTML5, CSS3

*BACK END:* Node.js, Express, MongoDB, PostgreSQL, Mocha, Chai

*ADDITIONAL TOOLS:* Git, GitHub, RESTful API, Heroku, Vercel

## RECENT PROJECTS

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### Find My Activity

[Github](#) | [Demo](#)

Developed an app for parents who work from home. Kids schooling online while parents are working is sure challenging and Find My Activity helps them to find things to do when kids have more free time.

*Technologies:* React, Node, Express, PostgreSQL, CSS, Jest, Mocha, Chai, Heroku and Vercel

### Movies and Books

[Github](#) | [Demo](#)

Movies and Books app lets users search for books and movies at the same time. It makes calls to two different API providers and combines results. By default, the app searches for both categories but the user is able to choose either one of the two.

*Technologies:* jQuery, HTML5, CSS3, JavaScript, API

### Login Page w/ Custom Error Display

[Github](#) | [Demo](#)

Developed a simple login page that is designed to display custom errors when required information is not entered. The error will disappear when the correct information is entered.

*Technologies:* jQuery, HTML5, CSS3, JavaScript

### World Cup Quiz App

[Github](#) | [Demo](#)

Designed and developed a fully responsive interactive app that is a good example of event listeners and DOM traversal/manipulation.

*Technologies:* jQuery, HTML5, CSS3, JavaScript

### Simon Game

[Github](#) | [Demo](#)

Developed a web-based, fully responsive game using jQuery. It imitates the well-known Simon game. The user is supposed to click the colored buttons in the order the buttons flash.

*Technologies:* jQuery, HTML5, CSS3, JavaScript

## EXPERIENCE

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### LPS OAKLAND R&D

*Teaching college-level statistics course, coordinating tests, and collecting data*

#### College Math (Statistics) Course Facilitator

*August 2018 – Present*

- Delivered a high-level college Statistics course in collaboration with the College of Alameda
- Developed, reviewed, and regularly updated personalized academic plans

#### Testing Coordinator

*August 2018 – Present*

- Collected data and analyzed reports in collaboration with the superintendent, school leaders, and teachers to support school operations and ensured accurate data is maintained
- Trained test administrators, proctors, and staff in testing security and administration procedures

### BAY AREA TECHNOLOGY SCHOOL, OAKLAND, CA

*Leading the instructional team, organizing cybersecurity and robotics club, and training students for math competitions*

#### Dean of Academics

*August 2017 – July 2018*

- Led the Charter Petition Renewal team in data collection, informing stakeholders, and compiling reports
- Coordinated the WASC renewal process and LCAP for the 2014-2020 school years
- Led the instructional team in the planning, coordination, and administration of school curriculum, instruction, assessment, attendance, and extracurricular activities. Facilitated professional development opportunities for teachers and other personnel around curriculum, assessment, and data-driven instruction

#### College Counselor / Academics Coordinator

*August 2014 – July 2018*

#### Testing Coordinator

*August 2014 – July 2017*

#### Mathematics and Computer Science Teacher

*October 2011 – July 2018*

*Courses:*

- Two AP Computer Science courses focused on Java, Data. Algorithms, Programming, Computer Systems, and Networking
- Intro to Programming focused on HTML/CSS and JavaScript
- Scratch - an MIT project that is widely used

*Clubs:*

- Lego Robotics, CyberSecurity and Math Competitions

### UNITED SCHOOLS, ABU DHABI, UAE

#### Mathematics Teacher

*Mar 2011 – Aug 2011*

## EDUCATION

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### THINKFUL

Software Engineering

*Jun 2020 – Dec 2020*

### WALDEN UNIVERSITY

M.Ed. – Teacher Leadership

*Mar 2014 – Aug 2016*

### ABANT IZZET BAYSAL UNIVERSITY

B.Sc. – Mathematics

*Sep 2004 – Jun 2009*