

YUSUF ALP

SOFTWARE ENGINEER

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

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

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

GleamSIS

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

A prototype of a student information system, developed by React, Node, Express, and PostgreSQL. Easy to store, maintain, and access data for a school system.

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

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

Keeper App

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

Developed an interactive app to stay organized. You can create notes for the todo list, reminders, or just simple note-to-self.

Technologies: React, React Hooks, Babel, HTML5, CSS3, JavaScript

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

Google Book Search

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

Using Google Books API search for a book. The results will show you the author and some description of the book.

Technologies: React, API, CSS3

EXPERIENCE

LEADERSHIP PUBLIC SCHOOLS, OAKLAND CA

Aug 2018 – Present

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

College Math (Statistics) Course Facilitator

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

Testing Coordinator

- 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

Oct 2011 – Jul 2018

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

Dean of Academics

- 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

Testing Coordinator

Mathematics and Computer Science Teacher

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

Mar 2011 – Aug 2011

Mathematics Teacher

EDUCATION

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