

# YUSUF ALP

## SOFTWARE ENGINEER

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

## SKILLS

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

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

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

## TECHNICAL PROJECT EXPERIENCE

### GleamSIS

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

A full-stack web application that showcases a prototype of a student information system

- Designed the relational database schema & RESTful API interface for back-end server
- Implemented React Router for a faster page reload with navigation

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

### Find My Activity

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

A full-stack app for work-from-home parents to find fun and educating things to do for kids

- Outlined relational database of collection of tables using PostgreSQL
- Applied React Router to utilize browser functionality for a more seamless user experience

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

### Movies and Books

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

A web application that makes searches for your favorite books and movies at the same time by calling two different API endpoints.

- Utilized the DOM manipulation methods provided by jQuery
- Integrated shared data and process from multiple APIs for interactive web content

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

### Sign up Page w/ Custom Error Display

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

A signup page that is designed to display custom errors when required information is not entered.

- Applied jQuery's DOM manipulation methods combined with CSS design thinking
- Mobile-first approach with user-centered design, using CSS grid layouts

*Technologies:* jQuery, HTML5, CSS3, JavaScript

## EDUCATION

### THINKFUL

Software Engineering

Jun 2020 – Nov 2020

### WALDEN UNIVERSITY

M.S in Ed. – Teacher Leadership

Mar 2014 – Aug 2016

### ABANT IZZET BAYSAL UNIVERSITY

B.S. – Mathematics

Sep 2004 – Jun 2009

# EXPERIENCE

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## 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 and goals

### Testing Coordinator

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

## 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

- Administered the Charter Petition Renewal team in data collection, informing stakeholders, and compiling reports that received a renewal for the next 5 years
- Coordinated the WASC renewal process and LCAP for the 2014-2020 school years and achieved WASC renewal for 6 years.

### Academics Coordinator

- Collaborated with the instructional team in the planning, coordination, and administration of school curriculum, instruction, assessment, projects, attendance, and extracurricular activities.
- Organized and conducted professional development services around communication, methodologies, curriculum, assessment, and data-driven instruction
- Strengthened academic success overall in Math from 11% to 34% and in ELA from 15% to 33%

### Mathematics and Computer Science Teacher

- Interactive solutions in the classroom to increase the level of engagement, excitement, and creativity

#### **Courses:**

- Instructed advanced mathematics courses such as Statistics and Calculus with over 90% success rate
- Taught advanced computer science courses focused on Java, data structures, algorithms, programming, computer systems, and networking with 100% participation in exams that produced more than 35% success
- Delivered intro to programming course focused on HTML/CSS and JavaScript for web applications and front end development
- Introduced scratch - an interactive web application by MIT that is widely used

#### **Clubs:**

- Mentored Lego Robotics team, studied web technologies, organized cybersecurity teams, and prepared students for Math competitions
- Collaborate with students on VM software principles and hold mock competitions

## UNITED SCHOOLS, ABU DHABI, UAE

Mar 2011 – Aug 2011

### Mathematics Teacher