YUSUF ALP

FULL-STACK ENGINEER

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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, Python

TECHNICAL PROJECT EXPERIENCE

GleamSIS   Github | Demo
A full-stack app 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 app 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 a better user interface

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 designs
- Mobile-first approach to design, using CSS grid layouts

Technologies: jQuery, HTML5, CSS3, JavaScript

EDUCATION

THINKFUL   *Jun 2020 – Nov 2020*
Software Engineering

WALDEN UNIVERSITY   *Mar 2014 – Aug 2016*
M.S in Ed. – Teacher Leadership

ABANT IZZET BAYSAL UNIVERSITY   *Sep 2004 – Jun 2009*
B.S. – Mathematics

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
- Administered 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 and achieved WASC renewal for six years.

Academics Coordinator
- Guided the instructional team in the planning, coordination, and administration of school curriculum, instruction, assessment, attendance, and extracurricular activities.
- Organized and conducted professional development programs for teachers and other personnel around 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
>   *Courses*:
- Advanced mathematics courses such as Statistics and Calculus with over 90% success rate
- 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
- Intro to Programming focused on HTML/CSS and JavaScript
- Scratch - an MIT project that is widely used
>   *Clubs*:
- Mentored Lego Robotics team, organized cybersecurity teams, and prepared students for Math competitions

UNITED SCHOOLS, ABU DHABI, UAE   *Mar 2011 – Aug 2011*
Mathematics Teacher