

# Derek Glassick

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## SUMMARY

Software engineer with a proven ability to collaborate in both team member and leadership capacities. Prior to transitioning to a software engineer, I led teams of 40+ teachers to improve their teaching methods and general classroom confidence, resulting in a 35% increase in test scores across all departments. I also collaborated and communicated effectively as a part of a large team to help promote all members' growth and skill. With a passion for learning and coding, I attended a 26-week intensive Bootcamp focused on the frontend, backend, and full stack development to learn new skills while also sharpening my existing coding acumen. With my diverse skill set, I am now eager to be a part of a talented, collaborative developer team to work on meaningful projects.

## SKILLS

- **Languages:** HTML, Javascript, CSS
- **Frameworks:** NodeJS, ExpressJS, MERN
- **Libraries:** React, jQuery
- **Databases:** MongoDB, SQL
- **Authorization:** JWT, Bcrypt
- **CICD:** GIT, Heroku, Firebase

## In a developer role at your company I will...

- Code within company coding standards and styles.
- Write fully automated code tests in adherence to best practices.
- Learn how to leverage the current CICD pipeline in place.
- Build responsive frontend designs to spec per the UX design.
- Build out API routes per RESTful design structure.
- Diligently prioritize multiple projects to ensure timely results

## EDUCATION

### **University of California, Riverside - The Coding Bootcamp**

**Riverside, CA 2020**

Learned industry best practices and practical software development standards with a focus on HTML5, CSS3, JavaScript, jQuery, Node.JS, React, Redux, and algorithms and data structures. I created and deployed applications while learning new languages and frameworks by collaborating several hours every week with a senior web developer.

### **California Baptist University - Master's of Science in Education**

**Riverside, CA 2015**

### **California Baptist University - Bachelor's of Art in History**

**Riverside, CA 2013**

## EXPERIENCE

### **English Teacher - Val Verde Unified School District**

**Riverside, CA 2016-Present**

Managed goal-oriented curriculum and rigorous content for 175 students to ensure their progress and growth while guiding them to their educational goals. Implemented 1 on 1 instruction and designed a scaffolded approach to help support other students. Collaborated with other teachers to design instruction, confirm best practices in education, and incorporate relevant technologies in the classroom. As the teacher tech, I helped teachers with various technical needs such as designing websites for curriculum.

- Proposed a \$30K innovative cloud-based learning solution and collaborated with colleagues to solve content delivery issues during COVID that allowed students to be monitored by teachers.
- Led collaboration efforts to update content (e.g. labs, lesson plans, etc.) with teachers and students to ensure the highest level of engagement and overall lesson quality.
- Optimized classroom teaching standards for 11 teachers by organizing curriculum content, problem-solving techniques, student perspectives, and goal-based action plans.
- Managed professional development meetings to provide 90+ teachers with technical skills to use Google Classroom, Google Sheets, and other third party vendors.

## PROJECTS

### **Teacher Stack - ( <https://protected-retreat-55339.herokuapp.com/> )**

**Riverside, CA 2020**

Designed mobile-responsive user experience for teachers to deal with an incredible amount of data that is usually not found in one location. The application helps teachers get information about their students easily and have a forum to post questions. In building this web-based application, I displayed a working knowledge of HTML, CSS, Javascript, React, Redux, MongoDB, NodeJS, and Rest APIs.

- Addressed authentication and security concerns with Express JWT integration while developing a full testing suite with Chai and Mocha validated with 100 consecutive passing tests.
- Architected RESTful API utilizing ExpressJS as the server with lightweight middleware to handle security, logging, cors & authentication between client-side applications and developed 20+ endpoints.
- Leveraged React Context API and React Hooks to help create a readable DRY code base and implemented the React Router to allow nested routing for 11+ pages of the application.

### **COVID Tracker - ( <https://dglassick.github.io/COVID-19-Info-Tracker/> )**

**Riverside, CA 2020**

Designed during the first few weeks of quarantine to help relay CDC recommendations, up-to-date news articles, and a heat map showing the number of cases, deaths, and recoveries for each country. While building this web-based application, I demonstrated a strong knowledge of HTML, CSS, Javascript, Leaflet maps, AOS, and RESTful methods to develop frontend design and the mobile responsive UI.

- Integrated 200M+ data points from multiple API's: John Hopkins API, New york times API, Rapid API, and Covid19 v3 API