Adam Blalock

Full-stack web developer who has successfully deployed and grown a website to scale with thousands of users. With a PhD in Cognitive Neuroscience, I am able to integrate a solid understanding of end-user experience with web design.

Personal Info

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Portfolio
https://arblalock.github.io/

GitHub
https://github.com/arblalock

LinkedIn
https://www.linkedin.com/in/adam-blalock-abb757146/

Languages

JavaScript

HTML/CSS

C#

Python

Technologies

jQuery	Express
React	MySQL
Redux	AJAX
Node	Flask
MongoDB	

Experience

ClassQuestion.com (2014 – present) ([link](#))

- As founder and sole developer, I have grown ClassQuestion into a site that is now used by thousands of teachers and students in universities around the world to send live questions and polls to students
- I constructed the backend using a RESTful API and Redis NoSQL backend to successfully handle input from hundreds of students concurrently with minimal latency
- Features I built for the site include: distinct user account systems for teachers and students, fully featured gradebook, AJAX based searchable question archive, and real-time score grading and feedback for students.
- Uses Python, JavaScript, jQuery, Redis, and MySQL

Anonymous Message Board application

- Message board application that allows uses to anonymously post/report/remove comments on public boards ([GitHub](#))
- Built using Node, Express Js, and Mongo DB

Issue Tracker application

- Support ticket system web application where users can assign, track, close, and delete issues ([GitHub](#))
- Built using Node, Express Js, and Mongo DB

React and Redux JS projects

- Calculator application with formula preview screen ([Example](#) | [GitHub](#))
- Application that takes the Markdown markup language and shows an HTML preview ([Example link](#) | [GitHub](#))

Education

2018	**Coding Bootcamp - FreeCodeCamp.org** • **Responsive Web Design Certification: 400 Hour Program.** HTML and CSS Responsive Design principals • **JavaScript Algorithms and Data Structures Certification: 400 Hour Program.** ES6, basic data structures, basic and intermediate algorithms, object-oriented programming • **Front End Libraries Certification: 400 Hour Program.** Bootstrap, jQuery, Sass, React, Redux • **APIs and Micro Services Certification: 400 Hour Program.** Basic Node and Express, Mongo DB and Mongoose, NPM packages • **Information Security and Quality Assurance Certification: 400 Hour Program.** HelmutJS, Quality Assurance testing with Chai, Advanced Node and Express • [View all Certifications](#)
2014 – 2017	**Ph.D. in Cognitive Neuroscience** University of California, Davis
2011 – 2013	**M.A. in Cognitive Neuroscience** University of California, Davis