

# Adam Blalock

## Web Designer

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Self-starter who loves a challenge, such as developing a website used by hundreds of students while also completing a PhD! I love to combine my passion for programming with my background in psychology/neuroscience to design elegant web applications that are centered on user experience.

## Software Development Experience

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**2014 – present**

### Web Application Developer

*ClassQuestion.com (self-employed)*

Founder and lead developer of [ClassQuestion.com](https://www.classquestion.com/), a website for conducting polls and gathering real-time student feedback during college lectures. I performed all of the front-end and back-end programming myself using:

- Front-end: HTML, CSS, Javascript/jQuery
- Backend: Flask/Python, SQLAlchemy, MySQL, and Redis
- A unique combination of AJAX, Server-Sent Events, and Redis, is used to allow questions to be sent to student devices, as well as collect and display their answers in real-time

**2015 – present**

### Independent Game Developer

*Self-Employed*

Developer of a first-person action game using the Unity3D game engine. Game-play involves first-person shooting combined with tower-defense and physics-based building construction.

I've developed the game using

- Unity 3D
- Game-play programming using C#
- 3D modeling and animation using Blender
- UI and textures creation using GIMP, Photoshop, and Illustrator
- Alpha demo available at <https://bit.ly/2GS7gfC>

## Education

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2014 – 2017	<b>Ph.D. in Cognitive Neuroscience</b> , University of California, Davis
2011 – 2013	<b>M.A. in Cognitive Neuroscience</b> , University of California, Davis
2005 – 2010	<b>B.S. in Psychology - Biological Emphasis</b> , University of California, Davis

## Skills

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- HTML (4 years)
- CSS (4 years)
- Javascript & jQuery (4 years)
- Python & Flask (4 years)
- C# (4 years)
- MySQL (3 years)
- Redis (1 year)
- Adobe Illustrator (3 years)
- Adobe Photoshop (2 years)

## Other Work Experience

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2016 – 2018	<b>College Lecturer</b> <i>University of California, Davis</i> Developed and taught undergraduate courses in psychology and cognitive science at U.C. Davis. Lead instructor for: <ul style="list-style-type: none"><li>• Introduction to Psychology (Spring 2016, Winter 2017)</li><li>• Cognitive Psychology (Summer 2017)</li><li>• Language and Cognition (Fall 2017, Winter 2018)</li></ul>
2011 - 2017	<b>Graduate Student Researcher</b> <i>University of California Davis</i> <ul style="list-style-type: none"><li>• Conducted experiments in the fields of Cognitive Neuroscience, Neurolinguistics, and Psychology of Language.</li><li>• Completed a PhD dissertation using EEG (Electroencephalography) combined with ANOVA and regression analysis to examine the role that individual variation in working memory capacity and cognitive control contributes to how individuals process the context of a story.</li></ul>