

Anthony Zheng

Web Developer

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GitHub: <https://github.com/ajz003>

Portfolio: <https://ajz003.github.io/portfolio.html>

Academic Qualifications

UCLA Extension Coding Boot Camp - JavaScript Full Stack Web Development, Aug 2018 - Nov 2018

An intensive 12-week long boot camp dedicated to designing and building web applications. Skills learned consisted of HTML5, CSS3, JavaScript, JQuery, Bootstrap, Node Js, MySQL, MongoDB, Express, Handlebars.js & ReactJS.

BS in Chemistry/Materials Science, 2017

University of California, Los Angeles

Work History

Technician, insEYEt LLC, Westlake Village, California *Apr 2017 - Jul 2018*

- Constructed model eyes for ophthalmic training, including models for tools and surgical procedures such as YAG, SLT, LPI LRI, A-Vit, ISIF and more.

Research Assistant, UCLA, Los Angeles, California *Jun 2015 - Sept 2015*

- Worked with lab members to synthesize chemicals and maintain lab equipment.
- Constructed lithium capacitors and performed impedance testing to compare their quality against commercial batteries.

Science Educator Intern, Experium Science Academy, Torrance, California *Jun 2014 - Jun 2015*

- Collaborated with physics, biology, and chemistry instructors to organize lesson plans.
- Explained fundamental scientific principles like the states of matter and Bernoulli's Principle, and introduced modern laboratory equipment such as centrifuges and gel electrophoresis to K-8 students.

Intern, Chemat Technology Inc, Northridge, California *Jun 2010 - Aug 2010*

- Experimented with various formulations of anti-reflective lens coatings and wrote reports on results.

Key Skills

Technical Toolbox

- Languages: JavaScript, HTML, CSS
- Skills: Node.js, jQuery, React.js, git, MongoDB, MySQL, Bootstrap

Projects

• dad-a-base

- dad-a-base scrapes dad-related news and articles and includes a log-in and forum
- Role: Built the log-in system (via e-mail or Facebook) and the forum and its components with React
- Front end built with React, back end built with MySql/Sequelize, log-ins built with Passport.js
- <https://dad-a-base.herokuapp.com/>
- Github: <https://github.com/ajz003/dad-a-base>

• Blackjack

- Blackjack is a simple blackjack game with the added feature of being able to see the count as well as get suggestions on the most optimal move given the cards they have. The mobile version features a training mode to help players memorize the basic strategy.
- Built with HTML/CSS/JavaScript/jQuery on the web app and React Native on the mobile app.
- Web App: <https://ajz003.github.io/blackjack/>
- Android App: <https://play.google.com/store/apps/details?id=blackjacknative.github.ajz003>

• Summon Simulator

- A statistical tool for players of Nintendo's mobile game Fire Emblem Heroes that conducts a number of trials to tell the user their chance of randomly summoning their chosen heroes as well as other statistics.
- Front end app built with HTML, CSS, and JavaScript
- <https://ajz003.github.io/Summon-Simulator/>
- Github: <https://github.com/ajz003/Summon-Simulator>

• The Neverending Dead

- A simple RPG boss rush game where the player must defeat an army of other players who've died trying to reach the final boss.
- Role: Bug-fixed front end HTML/CSS and wrote both front and back end JavaScript code
- App built with Bulma CSS in the front end and MySql/Sequelize database in the back end using Express/Node.js
- <https://neverending-dead.herokuapp.com/>
- Github: <https://github.com/ajz003/Neverending-Dead>