

Duluth GA

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Professional Portfolio: [www.joshuamoranisadev.com](http://www.joshuamoranisadev.com)

# Joshua Moran

## Summary

- Full-stack web developer leveraging scientific research background to produce well-developed, logically-laid out applications.
- Recently earned a certificate in full stack development from the Georgia Tech Coding Bootcamp.
- Known for critical thinking skills, troubleshooting, and attention to detail.
- Capable of working individually or collaboratively with others to produce quality applications.

## Technical Skills

Languages: JavaScript, HTML5, CSS3  
Applications/Frameworks: Node.js, Express.js, MongoDB, React.js, Git

## Projects

### Dungeons & Devs React

Deployed Link: <https://dungeons-n-devs.herokuapp.com/>

Code: [https://github.com/hackpres/DnDevs\\_React](https://github.com/hackpres/DnDevs_React)

*Dungeons and Devs React is a browser-based game where you take on the role of a developer navigating and looting dangerous dungeons.*

- Role: Collaborated on creation of idea, wrote React components, designed models, designed a mobile-centric responsive design.
- Utilized: MERN stack, JavaScript, React.js, Node.js, MongoDB, Apollo, Heroku, HTML, CSS.

### Dungeons & Devs

Deployed Link: <https://dungeons-devs.herokuapp.com/>

Code: <https://github.com/wtguenthner/Dungeons-Devs>

*Dungeons & Devs is a card-based battle game where users can pick a character class and fight against a boss.*

- Role: Collaborated on concept, designed user, character, class, and boss models.
- Utilized: JavaScript, Node.js, Express.js, Heroku, Sequelize, MySQL, HTML, CSS.

## Experience

2018-2022 Yerkes National Primate Research Center Lawrenceville, Georgia

### Lead Research Specialist

- Conducted research utilizing computer-controlled feeders that reduced food waste by 15% and allowed for more efficient monitoring of the health of the colony.
- Troubleshot equipment including repairs and routine calibrations.
- Maintained databases of research subjects to meet USDA, NIH, and internal standards.
- Interfaced with other departments and assisted them with their daily duties and research.
- Trained animal care technicians in proper husbandry for automated feeders, decreasing downtime for research equipment and up to \$25,000 in repairs per machine.

2015-2018 Duke University Talent Identification Program Durham, North Carolina

### Instructor

- Effectively taught neuroscience and biological and chemical sciences courses to gifted middle and high school students, achieving a 4.7/5 rating from staff and students.

	<ul style="list-style-type: none"> <li>▪ Responsible for all lesson plans and laboratory preparation.</li> <li>▪ Coordinated events weekly with teaching assistant and administrative staff.</li> </ul>		
	2013-2014	The Pet Clinic	Omaha, Nebraska
	<b>Veterinary Assistant</b> <ul style="list-style-type: none"> <li>▪ Assisted veterinarians with a variety of medical procedures, such as holding during an exam, providing assistance during surgery, or filling prescriptions.</li> <li>▪ Maintained accurate inventory and minimized product loss by 10%.</li> </ul>		
	2012-2013	Emory University	Atlanta, Georgia
	<b>Lab Assistant - de Waal Lab</b> <ul style="list-style-type: none"> <li>▪ Worked in a team of 4 collecting and analyzing data for chimpanzee cognitive research.</li> <li>▪ Coded videos of experimental trials.</li> </ul>		
Education	April 2022-October 2022	Georgia Tech University	Atlanta, Georgia
	<b>Certificate Georgia Tech Coding Boot Camp</b> <ul style="list-style-type: none"> <li>▪ Full stack of coding languages and frameworks, including front end development, database development, server-side development, quality assurance and deployment.</li> <li>▪ Coding Languages and Skills: JavaScript, HTML, CSS, React.js, Node.js, RESTful APIs, MongoDB, MySQL, Sequelize, Express.js, JQuery.</li> </ul>		
	2016-2017	Roehampton University	London, UK
	<b>Master of Research Primate Biology, Behavior, and Conservation</b> <ul style="list-style-type: none"> <li>▪ Graduated with honors</li> <li>▪ Thesis: "Reciprocity Mechanisms in Chimpanzees (<i>Pan troglodytes</i>)"</li> <li>▪ Related Coursework: Research Methods in Biology</li> </ul> Skills: Competent in using and interpreting SPSS and R outputs, social network analysis, and GIS analysis.		
	2011-2015	Emory University	Atlanta, Georgia
	<b>Bachelor of Science</b> <ul style="list-style-type: none"> <li>▪ First major: Neuroscience and Behavioral Biology</li> <li>▪ Second major: Biology</li> <li>▪ Related Coursework: Intro to inferential statistics with lab, life sciences calculus 1 and 2.</li> </ul> Skills: R coding, Science writing and presentation skills, and literature searches.		
Academic Presentations	Moran, J., Lehmann, J. (2020). <i>Reciprocity Mechanisms in Chimpanzees (Pan troglodytes)</i> [Conference presentation]. American Society of Primatologists 2020 Conference Denver, CO. (Conference Cancelled)		
Interests	<ul style="list-style-type: none"> <li>▪ Video Games</li> <li>▪ Sci-Fi and fantasy (Star Wars, Marvel)</li> <li>▪ Building PCs</li> </ul>		