

Duluth GA

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GitHub: <https://github.com/joshmoran501>

Professional Portfolio: <https://bit.ly/3Tap6eP>

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

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