

# DIEGO GARCIA

jobs@diegog.dev

Software engineer with a bachelor's degree in computer science specializing in research and data-analysis, with experience in full-stack development, continuous integration/deployment, and AI/ML algorithms.

## EDUCATION

---

### University of Miami, Coral Gables, FL

*Bachelor of Science, Computer Science*

Minors: Mathematics, Chemistry

### Relevant Courses

Machine Learning, Artificial Intelligence, Computational Neuroscience, Database Systems, System Programming, Algorithms, Data Structures, Computation Theory

## WORK & VOLUNTEER EXPERIENCE

---

### Globant, Remote

*Software Engineer*

*November 2020 - March 2022*

- Create and integrate design plans for high-stake applications
- Test and document thoroughly to ensure applications are high quality, accurate, and functional
- Collaborate with team members and project owners to ship new features with a focus on simplicity, scalability, and reusability

### Freelance Software Engineer, Remote

*Full-stack Developer*

*January 2020 - December 2020*

- Co-developed platform for agricultural investments
- Serverless infrastructure on AWS

### Shake-A-Leg Miami, Miami, FL

*Student Mentor (Volunteer)*

*August 2011 - September 2019*

- Mentored physically and developmentally challenged children, teaching them water safety skills and about the wildlife in Biscayne Bay
- Logged over 1000 hours of community service

## TECHNICAL STRENGTHS

---

### Programming Languages

JavaScript, TypeScript, Python, C, R, Matlab, HTML, CSS

### Software & Tools

SQL, Git, Unix/Linux, Flask,  $\text{\LaTeX}$ , Photoshop, Vue, Jupyter

### Cloud-Based Technologies

AWS, Docker, CircleCI

## PROJECTS

---

### manatee.zone

- An easy-to-access data visualization of state-mandated "manatee zones" in Florida
- Created after noticing a rise in uninformed boaters and lack of signage in Biscayne Bay
- Data simplification and cleansing performed with Python
- Continuous development set up with CircleCI

### diegog.io

- A 'serverless' portfolio website deployed on AWS using s3 buckets and lambda functions
- Vue.js front-end communicates with a Flask (Python) API back-end
- Continuous integration/deployment setup with bitbucket pipelines