Daniel Rivas
Software Engineer

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Education

- **University of Houston**. Houston, TX. United States.
  B.S. Computer Science. 2019-2021.
  Currently attending.
- **Houston Community College**. Houston, TX. United States.
  A.S. Computer Science. 2016-2018.
  Honors graduate.
- **Universidad Nacional Experimental del Táchira**. San Cristóbal, Táchira. Venezuela.
  B.E. Software Engineering. 2013-2015.

Experience

- **ClearBlade, Inc**. Austin, TX. United States.
  Software Engineer in Test (Internship). 2020-Present.
  - Designed, implemented, and maintained an internal testing toolset for unit, integration, and functional tests of ClearBlade systems in Golang, allowing internal ClearBlade developers to go from system failure to troubleshooting in a matter of minutes instead of hours. The toolset itself integrates with the Golang standard library testing module.
  - Implemented an automated Jenkins CI/CD pipeline for deploying new version-controlled ClearBlade environments, allowing developers to create them on demand.
- **DeepCast, LLC**. Houston TX. United States.
  Software Engineer. 2018 - 2020.
  - Implemented a distributed tabular data-structure for transactional and analytical processes over large amounts of data, using Cassandra for available and tolerant data-layer.
  - Introduced a microservice-based architecture for agile development and delivery, using Python's Nameko library for the implementation of the microservices, enabling DeepCast to iterate much faster.
  - Created a proof-of-concept platform for agile data-science development, running on Kubernetes and based on Pachyderm. The platform allowed data-scientists to easily plug their AI models into the existing system.
- **Upwork**. Remote.
  Freelancer Full-stack Developer. 2015-2018.
  - Web development using frameworks like Hugo (static sites, Golang), Django (Python), Phoenix (Elixir), and WordPress (legacy, PHP).

Skills and competencies

- **Front-end:** Reactive GUI(s) using HTML5, CSS, JavaScript, React, and Webpack.
- **Back-end:** Web services and REST API development using Golang, Python, and Elixir.
- **DevOps:** CI/CD with Concourse and Jenkins. Automation scripts using tools like Bash and Ansible.
- **Misc:** Quick learner, team player, and pragmatic.