# 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:** Continuous delivery with Concourse and Jenkins. Automation scripts using tools like Bash and Ansible.
* **Misc:** Quick learner, team player, and pragmatic.