Daniel Rivas
Software Engineer

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Education

- **B.S. Computer Science**. 2019-2021.
  University of Houston. United States. Starting Fall 2019.
- **A.S. Computer Science**. 2016-2018.
  Houston Community College. United States. Cum Laude graduate.
- **B.E. Software Engineering**. 2013-2015.
  Universidad Nacional Experimental del Táchira. Venezuela.

Experience

- **Software Engineer**. 2018 - Present.
  Sabernetic LLC. Houston, TX. United States.
  - Design, develop and maintain a microservice-based architecture for agile development and delivery. Using Python's Nameko library for the implementation of the microservices.
  - Distributed tabular data-structure for transactional and analytical processes over large amounts of data. Using Cassandra for available and tolerant data-layer, ElasticSearch for exploration, and Apache Spark for computations.
  - Continuous Delivery pipeline for containerized applications running on Kubernetes. Implemented using Concourse CI and build/deploy steps based on custom Docker images.
- **Full-stack developer**. 2015 - 2018.
  Upwork. Remote.
  - ETL programs (Extract, Transform, Load) for multiple data-sources and environments.
  - Landing pages and business development websites. Using frameworks like Hugo (static sites, Golang), Django (Python), Phoenix (Elixir), and Wordpress for legacy websites.
- **Front-end developer**. 2014 - 2015.
  Fix Computing. Tachira, Venezuela.
  - Landing pages and marking-oriented websites. Work included wireframing, design outline with Photoshop, and websites implementation using HTML, CSS, and JavaScript.

Skills and competencies

- **Front-end:** HTML5, CSS, JavaScript, and React. Other development utility tools such as Gulp, Brunch, and Webpack.
- **Back-end:** Python web frameworks such as Flask and Nameko. Web services written in Golang, including authentication, validation, and other common API gateway tasks.
- **DevOps:** Continuous delivery with Concourse. Some cloud infrastructure with Google Cloud and Kubernetes. Other common tools such as Git, Docker, and Vim.