

# Reynold Crist

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## SUMMARY

Inspired Sr. Python Developer with 12+ years of broad expertise in JavaScript/ES6/ES2017, Back-end Development areas with willingness to learn and master UI/UX & Design and NoSQL. Machine Learning and Natural Language Processing specialist.

## SKILLS

Python Development: Python 2/3, Django ORM, C++, Flask • Mako, Matplotlib, Multi-Process Architecture, Natural Language Processing, Pandas, Pylons, Pyramid, Django, SQLAlchemy, TensorFlow, TurboGears  
Back End: Azure Functions, CLR, Capistrano, DigitalOcean Drupal, Elm, Gin, IBM Cloud JRuby, MAAS, Power BI, SQS  
Testing : Capybara, Chai, Unexpected  
Databases : BML, DAX, DB2, ETL, GraphDB, MOLAP, MS SQL Server, MariaDB, NoSQL, PL/SQL  
DevOps: Ansible, Bamboo, Codeship,  
Git: GitLab, Nagios, Octopus, Puppet SVN, TeamCity, Travis CI, Vagrant  
SDLC : Agile, Asana, Basecamp, Bitbucket Confluence, Crucible, ER Diagrams, GoF Design Patterns Jira, Lint, SOLID principles, Scrum

## EDUCATION

**Stanford University**, Stanford CA September 2017 – Present • **M.S. in Computer Science** with focus in AI

- **GPA:** CS 3.87
- **Teaching:** Intro to AI (Python)

**Georgia Institute of Technology**, Atlanta GA August 2011 – May 2015

- **Dual major:** B.S. in Electrical Engineering, B.S. in Computer Science with Research Option
- **GPA:** CS 4.0 , Overall 3.88
- **Teaching:** Intro to OOP (Java) 3 semesters, Intro to AI (Python) for 4 semesters
- **Awards:** Georgia Tech's President's Undergraduate Research Award, IEEE PES Scholarship Plus Recipient

**GRE:** quantitative 170/170 (98<sup>th</sup> percentile), verbal 168/170 (98<sup>th</sup> percentile), writing 5.0/6.0 (93<sup>rd</sup> percentile) **MOOC:** Udacity - Data Analyst Nanodegree, Coursera – Neural Networks, Machine Learning, Programming Languages

## EXPERIENCE

Senior Python Developer

Gulgowski-Johns

Linkedin: @reynold.stamm80

GitHub: @reynold.stamm80

11/2016 - Present Fletaton, MA

Consolidation and refactoring the legacy program modules of the mission-critical external web app that significantly improved code maintainability and decreased deployment time by 85%  
Developing, design and implementation of the new API endpoints as a part of high-volume external web app, that provided critical connectivity channel for distributed functionality and increase system cohesion keeping manageable code complexity.

- Handling full stack programming tasks for the development of the high-volume online service (Flask, Pandas and PL/SQL), resulting in consistent deployment of 10 major products. updates.

Improving product aesthetic and UX of the high-volume external web app, resulting in 83% increase in user's retention.

- Migration of the existing DEV/USR/PRD environments to the cloud for the critical external web app that helped to achieve 20% decrease in infrastructure operating costs. • Optimizing legacy data storages and search queries for the critical external web app using PL/SQL improving system's response time by 65%
- Performing unit & load testing for the mission-critical external web app eliminating system's failure rate by 75%