

Robert Goodeve

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Profile: Looking to grow technical expertise and hands on time with high compute systems in the Pittsburgh area. Strong relevant work experience, personal background in scripting, graphics, and data visualization.

Skills:

- Primary Languages: Python (3.1x), SQL
- Python Modules: Selenium, Django, Numpy, Llama Cpp Python
- Secondary Languages: Javascript, Fortran90, Matlab
- Scripting: Bash, Powershell
- Platforms: Linux (Ubuntu, Red-hat, CentOS), Windows (Home & Server)
- Tools: AWS, ElasticSearch/SPLUNK, Docker, Oracle Grid, Altova Mapforce

Experience:

Carnegie Mellon University [system reliability, enterprise access/payments] Pittsburgh PA

Dev Ops Engineer, Campus Access: Dec 2021 - Current

- Ensure uptime of essential software for campus services.
- Deployments and monitoring of the system and physical endpoints.
- Introduction for an Internet of Things mindset to processes and projects.
- Drive the transition to mobile credentials for the entire campus access.
- Audit and documentation of legacy parallel systems, and transition of those users and features.
- Investigation of payments and physical access issues.

3M-Mmodal [speech recognition, medical software] Pittsburgh, PA

Core Speech Support Engineer: Nov 2018 - Dec 2021

- Investigate and resolve issues with the machine learning speech backend.
- Monitor/maintain internal tools and a custom Django webapp utilized by tier one support.
- Implementation of SQL and Mongo database queries and automation for investigations.
- Develop visualizations for product support in Grafana and Elasticsearch.
- Transition internal applications to docker, AWS, CI (gitlab deployments).
- Collaborate across teams to resolve persistent issues.

Confluence [financial tech, regulatory reporting, enterprise software] Pittsburgh, PA

Regulatory Data Analyst Oct 2017 – Nov 2018

- Wrote and reviewed SQL for processing financial data and reporting to the SEC.
- Individually led reporting implementations for several financial institutions.
- Coordinated dialogue between clients and financial data providers (ICE and MSCI).
- Assisted with bug resolution and roadmapping of an enterprise level web app.

Mad Mobile [mobile development, e-commerce/payments, enterprise software] Tampa, FL

Dev Ops, Intern May 2016 – Oct 2016

- Collaborated with software engineers to transition to AWS, and meet PCI/SOX compliance.
- Configured and documented Elasticsearch, OSSEC, and AWS+Terraform.
- Wrote installation script for Windows enterprise-software in use at Talbots today.
- Hosted instructional sessions on Elasticsearch and AWS for co-workers.

Education:

- Carnegie Mellon University:
Employee benefit of auditing classes:
- Florida State University:
Graduated with a Bachelor of Science at FSU in Scientific Computing (programming for science and mathematics problems). Awarded several scholarships and grants. August 2017 graduation date.

Relevant Coursework:

- Example classwork: K-means clustering (Matlab), N-body simulation (Python/Fortran), Snowfall prediction (Fortran), Groundwater plume generation (Matlab), Runge-Kutta ODE solver (Python), Mathematic visualization (Matlab/Fortran)

Miscellaneous:

- Presented at a departmental seminar on programming for text interpretation in fiction with TensorFlow, what are the struggles and why.
- Strong DIY ethic, try to keep my old hardware kicking as long as possible, maintain my own Samba server for documents and media, and always have a project going on at home.
- Passionate about personal data security, both politically and casually.
- Once owner of the highest benchmark on an overclocked AMD A10-5800k on userbenchmark.com