

# Morgan Williams

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## Skills

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Python, APIs, ETL

## Experience

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**Data Engineering Consultant**, National Care Dental May 2022 – Present

- Created API endpoints to enable clients and third-party sources to interface with company data.
- Transitioned legacy workflows to modern data pipelines, accelerating tasks by 100x to 1000x through automation, reducing multi-hour processes to seconds or milliseconds.
- Mentored data analysts in Python and SQL, expanding their skills and capabilities, resulting in a substantial increase in productivity.

**Senior Data Engineer**, Persefoni Aug 2021 – May 2022

- Created API endpoints in GoLang, learning new tech & collaborating across teams to interface multiple services.
- Documented & created new processes to onboard, train, and increase teammate productivity.
- Implemented ETL data pipelines using PySpark capable of processing large datasets

**Software Engineer**, Zelis Healthcare Dec 2018 – Aug 2021

- Created new ETL workflows in Airflow and optimized existing processing times up to 1000x.
- Migrated multiple codebases to Python3.
- Created Python APIs and internal web interfaces, empowering business users across teams to meaningfully interact with company data.

## Projects

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**Multilingual Translator** [ananas.xcc.es](https://ananas.xcc.es)

Multi-lingual translator with history

**Resume** [github.com/mrgnw/resume](https://github.com/mrgnw/resume)

online CV with versions & automatic PDF generation

## Education

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**vschool.io** — Coding Bootcamp 2014

**BYU** — BA in Russian 2014