

Ben Adams

Software Engineer

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Employment

- 2021–2023 **Software Engineer II**, *Ntrepid Corp*, Remote.
Coordinate with internal customers to integrate third-party data APIs into discoverability service.
Normalize external data to create large data archives.
Build and expand on queryability of data to ease discovery of points of interest.
Create isolated, reproducible application builds using Docker and Terraform.
- 2021–2021 **Teaching Assistant**, *Trilogy LLC*, Remote.
Assist and guide students in learning and mastering the basics of web technologies.
Evaluate and offer feedback and guidance on student submissions.
Provide technical support for students in the setup and configuration of tools.
- 2019–2020 **Software Engineer II**, *IBM (via Apex Systems)*, Charlotte, NC.
Maintain automation-focused Perl/CGI applications.
Replace Perl/CGI applications with Python-based Flask applications.
Work extensively with regex to transform internal messaging into customer-oriented notifications.
- 2018–2019 **Software Engineer I**, *AT&T (via Apex Systems)*, Charlotte, NC.
Provide services to coordinate physical asset management efforts.
Leverage Django and Celery to parse and validate spreadsheets.

Technical Skills

- *Languages*: Python, C, SQL, Bash, Rust, Javascript, Perl
- *Libraries*: FastAPI, Flask, Celery, Numpy
- *Tools*: Linux, Docker, Kubernetes, Terraform, AWS, Elastic, mypy, pytest, make

Education

- 2012–2016 **Bachelor of Science in Computer Science**, *Appalachian State University*, Boone, NC.