Pat Alexander Nom

Python Developer

Profile

I'm a Python Developer with 3 years of high-impact experience, highly regarded for developing web applications tailored for NASA's land data scientists. I'm proficient in Python and Django, and I'm capable in working independently and collaboratively within a team. This experience was gained through previous roles at NASA and USGS, reflecting a strong technical aptitude and commitment to excellence. Looking for a position in Poland.

Education

Aug 2017
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May 2021

South Dakota State University
Brookings, SD, United States

- Bachelor's of Science in Computer Science

Work experience

Jun 2020
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Sep 2020

Software Engineer Intern
EROS CalVal Center of Excellence, Sioux Falls, SD, United States

- Research and development for georeferencing design using Landsat 8 data to attach a coordinate system to an aerial image for georeferencing automation.
- Create weekly presentations to present progress of development with tasks to aim for in the upcoming week.
  Tech Stack: Python, Bash, ArcGIS

Sep 2020
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Jun 2023

Full Stack Developer
Land Processing Distributed Active Archive Center (LP DAAC), Sioux Falls, SD, United States

- Worked in tandem with NASA's land data scientists to gather project requirements, culminating in the generation of more than 150 Jira tickets.
- Conducted thorough reviews of projects, identifying and updating over 100 outdated libraries across various programming languages, such as JavaScript and Python, to ensure compatibility and longevity.
- Successfully migrated multiple applications from Python 2.x to Python 3.x, ensuring compatibility with modern standards, enhancing performance and bolstering security.
  Tech Stack: Python, Django, JavaScript, CSS, Linux, GitLab, Wagtail CMS, Kubernetes, Docker, PostgreSQL

Contact

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Certifications

- AWS Certified Cloud Practitioner (2024-2027)

Skills

- Python
- Flask
- PostgreSQL
- Docker
- Kubernetes
- AWS
- JavaScript
- Git
- RESTful API Development
- CI/CD
- Agile Scrum

Languages

English	Native
Polish	Basic

Interests

- Rock Climbing
- Keyboard Building
- Coffee
- Listening to music