Pat Alexander Nom
Full Stack Developer

Profile

I am a Full Stack Developer with 3 years of high-impact experience, highly regarded for developing web applications tailored for NASA's land data scientists. I am proficient in Python, Django, and JavaScript. Additionally, I am 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
↓
Jun 2023

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

- Collaborated closely with NASA scientists to meticulously gather project requirements, resulting in the creation of over 150 Jira tickets, facilitating the development of new features, and enhanced project management strategies.
- Initiated the establishment of debugging environments for containerized applications, resulting in a notable improvement in task efficiency by approximately 20%.
- 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.
- Developed and maintained the ASTER Emergency Scheduling Interface and Control System (AESICS), handling debugging, feature creation, and requirement gathering to enhance operational efficiency.
  Tech Stack: Python, HTML, JavaScript, CSS, Linux, GitLab, Wagtail CMS, Kubernetes, Docker, PostgresSQL

Contact

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Certifications

- AWS Certified Cloud Practitioner (2024-2027)

Skills

- Python
- Linux
- Django
- Flask
- PostgreSQL
- CI/CD
- Docker
- Kubernetes
- GitLab
- GitHub
- Debugging and Bug Resolution
- Agile Scrum
- Teamwork

Languages

English — Native

Polish — Basic

Interests

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