

# Daniel Rios

Python/Django Developer

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## Software Experience

January 2020 – February 2023

### Senior Backend Developer, *infarm - Indoor Urban Farming B.V., Berlin*

- \* Developed microservices to support monitoring and alerting for vertical farms
- \* Maintained and added endpoints to async GraphQL-based APIs
- \* Created Grafana dashboards based on InfluxDB, and automated their deployment
- \* Consolidated InfluxDB queries, resulting in a 66% reduction in query count and costs
- \* Programmed in a service to process and enrich farm data and push to other services
- \* Led two developers in creation of redis-timeseries based alerting system for realtime streaming data from multiple farm devices
- \* Mentored a Junior Developer and reviewed their code, held pair programming sessions, and advised on career development

January 2016 – December 2019

### Web Developer, *Jonas und der Wolf GmbH, Berlin*

- \* Created REST API endpoints utilizing Django Rest Framework
- \* Modified features of the Django Admin for client use
- \* Wrote tests for almost every line coded, and reviewed Pull Requests
- \* Improved the Gitlab-based CI scripts
- \* Introduced DevTalks and presented on topics such as GraphQL, Django Channels, Black

May 2014 - December 2015

### Technical and Operations Specialist, *P & T - Paper & Tea GmbH, Berlin*

- \* Developed internal webapps in Django and Python for sales reports, Google Analytics metrics, and open purchase order data
- \* Created *brightstar*, an API wrapper for the Brightpearl retail system
- \* Maintained cloud-based company systems as well as internal network and computers

April - August 2014

### Web Developer, *surtitled.com, Berlin*

- \* Maintained Python website in Google App Engine
- \* Added cross-language search for musical composer names

## Programming Skills

Web	Django, GraphQL, Django Rest Framework, REST API, Celery, ElasticSearch
Infrastructure	Kubernetes, Docker, Github Actions, CircleCI, Gitlab CI/CD, Terraform, Ansible
Database	InfluxDB, Redis-Timeseries, PostgreSQL, MySQL
Software	Python, Pytest, Grafana, Mypy, Git, GitHub, GitLab, Linux, Nginx
Project	Jira, Confluence, Agile/Scrum, Redmine

## Training and Education

March - December 2014

### Coursera.org/Rice University

*Fundamentals of Computing Specialization*: Introduction to Interactive Programming in Python, Principles of Computing, Algorithmic Thinking, Capstone Exam

October 2013 - February 2014

**Business Trends Academy, Berlin**

Certificates in: Project Management, Web Development, Mobile Marketing/Photoshop

July – August 1999

**Radcliffe Publishing Course, Cambridge, MA**

Certificate in Professional Book and Magazine Publishing

September 1995 - May 1999

**Brown University, Providence, RI**

Bachelor of Arts in English and American Literature

## Other Experience

August 2006 - November 2012

**Operations Specialist, Corbis Images, Berlin**

- \* Acted as Communication Specialist for the Photographer Relations Department
- \* Managed photographer email database and maintained email marketing systems

January 2001 - January 2006

**Production Artist, Christie's, New York**

- \* Created and refined print layouts for fine art auction catalogues

October 1999 - January 2001

**Production Assistant, Simon & Schuster, New York**

- \* Produced bound book proofs for reviewers and generated book cover cost estimates

## Language Skills

Native English Speaker, fluent in German and Spanish