Contact

August 1, 1981

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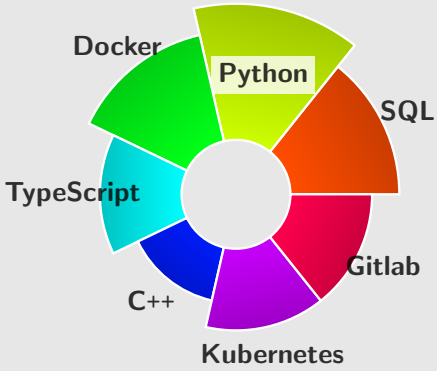
Links

Home Page

LinkedIn

Github

Stack



Frameworks

Django

Next.js

React

Flask

Languages

German

English

Persian

Dr. Vanda Farsad

Backend Developer

Hey! With my expertise in Python, solid frontend development experience, and a versatile understanding of DevOps, I'm excited to contribute to the design, development, and optimization of your web applications. Combining strong backend skills with hands-on knowledge of modern frontend frameworks and tools, I bring a holistic approach to building seamless user experiences. With a keen eye for detail and a commitment to delivering high-quality, maintainable, and testable solutions, I aim to craft code that truly adds value.

Let's collaborate to create innovative and efficient solutions that align with your organization's goals.

Working Experience

since 2020 — **Freelance Backend Developer** — Orendt Studios

Development, testing and maintenance of Django-based web applications, CI/CD pipelines and frontend frameworks. Managed the full lifecycle of development projects, from strategic planning to successful implementation and taking responsibility for timelines.

Backend Technologies: Python (Django, Flask)
Frontend Technologies: Typescript (Next.js, React)
CI/CD Tools: Docker, Kubernetes, Gitlab

2019 – 2019 — **Senior Consultant Biostatistics** — Ecker+Ecker

In addition, project management.

2017 – 2019 — **Consultant Biostatistics** — Ecker+Ecker

Developed Python software for various applications, conducted data analysis using Python and R, evaluated clinical trials, provided statistical guidance to customers and team members, and delivered statistics training.

2008 – 2010 — **Research assistant** — Fraunhofer-Institute LBF

Executed method implementations using Matlab/Simulink and conducted numerical simulations for comprehensive analysis.

Education

2014 – 2017 — **Ph.D • Mathematics** (cum laude) — Universität Hamburg

Thesis: *The symplectic fermion ribbon quasi-Hopf algebra and the $SL(2,\mathbb{Z})$-action on its centre.* [1] [2]

2009 – 2013 — **Master of Science • Mathematics ($\varnothing\, 1,5$)** — TU Darmstadt

Focus: Geometry, Nuclear Physics and Operator Algebra

2005 – 209 — **Diploma • Appl. Mathematics ($\varnothing\, 1,3$)** — Hochschule Darmstadt

Focus: Numerical Mathematics and Computer Science (C++)

[1] Journal of Algebra. 522. 10.1016/j.jalgebra.2018.12.012, 2017.
[2] Advances in Mathematics. 400. 10.1016/j.aim.2022.108247, 2022.