Alexander Daily

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github.com/crisisdice

INTRODUCTION

American developer in Berlin with a passion for the systematization and transmission of human knowledge.

EXPERIENCE

Cozero GmbH   Berlin, DE
Software Engineer   June 2021 - September 2022
Transformed and established the engineering culture to empower, energize, and accelerate the development of the world's first decentralized cloud network

- Created a xlsx and csv parser to aid in bulk import of company carbon emissions data
- Rewrote the carbon accounting module with an emphasis on scalibilty, performance, and modularity to insure compliance with latest carbon emission standards
- Migrated the project from MongoDB to Postgres
- Worked with diverse AWS services such as EC2 and S3, as well as Kubernetes, nodejs, Typescript.

Informatik Consulting Systems GmbH   Berlin, DE
Software Engineer   June 2019 - May 2021

- Fullstack work on consumer facing order tracking wep app
- Integrations with the firm's order and inventory management APIs, as well as in-house customer journey software and Salesforce
- Real-time, multi-device package scanning built on websockets.

American Institute For Foreign Study   Berlin, DE
Project Coordinator   May 2015 - May 2019

- In my capacity as a program coordinator, I wore many hats: programmer, tour guide, hotel concierge, troubleshooter. My biggest takeaway from my time at AIFS is that the raison d'être of any firm is the end consumer. It feels great to be committed to quality and have customers recognize this.

Market Logic Software AG   Berlin, DE
Research Analyst   April 2013 - Jul 2014

- At Market Login I learned the limitations of AI, what a data pipeline should and shouldn't look like, and how important good team morale is. This job demonstrated the importance of clarity when it comes to the interface between humans and tech, and what the roles of each should be.

EDUCATION

Technische Universität   Berlin, DE
B.S. Technical Mathematics   2017–2019

- The basics of axiomatic settings and the centrality of rigorous definition has helped deepen the layperson's appreciation I have for the depth of this field. It's a cliche, but the concepts of math pop up everywhere. I left university early to begin working full-time.

Freie Universität   Berlin, DE
M.A. North America Studies   2015–2017

- My graduate work at the JFK Institute concentrated on the political economy of transportation. For my master's thesis, I focused on decision making in large public infrastructure projects in the United States at the federal and state level. I also co-chaired the Berlin-Brandenburg Model United Nations group.

Freie Universität   Berlin, DE

B.A. Political Science   2012–2015

- My undergraduate work at the Otto Suhr Institute was naturally varied. Two papers of which I am particularly proud are a regression analysis of voter data from the 2016 Republican Primary and my bachelor's thesis, where I analyzed the sudden proliferation of anti-smoking laws in the United States in the 90s at the federal and state levels.

Haddon Township High School   Haddon Twp., USA

High School Diploma   2007–2011

Skills

Information Technology

Here are the technologies I feel comfortable developing with:

- Stacks: MERN, MEVN, ASP.NET, Django or Flask
- Languages: TS, Python, C#
- Stores: MySQL, MSSQL, MongoDB, Postgres, Redis, S3
- CI/CD: Jenkins, TeamCity, Github Actions
- Single Page Application Frameworks: Vue.js, React, JQuery/Bootstrap
- Containerization/Orchestration: Docker, Kubernetes
- Cloud Providers: AWS, Azure, Heroku

Languages

English, German, French

- I am a native English speaker. The Goethe Institute has certified my German at the C2 level. I also did my undergraduate work in German, and have been speaking German in the workplace for the past six years. My incomparable wife and I have spoken German together for five of those. I could survive in Lyon with my French.

Volunteer Work

UNi-Gruppe der DGVN, Landesverband Berlin-Brandenburg   Berlin, DE

Co-Chair, Member   2012-2015

- As Co-Chair I was responsible for organizing and chairing our bi-yearly model United Nations sessions, as well as monthly meetings.

Freunde Alter Menschen e.V.   Berlin, DE

Volunteer   2012-2017

- I had the honor and pleasure of becoming friends with an older German lady over weekly coffee and cake.

AFS e.V.   2011-2015

Liaison

- I volunteered as a liaison for the exchange program that I first came to Germany with, providing assistance and organizing camps for the students of the following years.