Daniel Mogilevsky | 937-668-3624 | mogilevsky.daniel@gmail.com

U.S Citizen looking for fully remote, backend development roles. Any tech stack, PST and contract preferred

Experience

CO-FOUNDER | DATAFRESH.AI | NOV 2022 – PRESENT

- DataFresh.ai validates mobile numbers at scale, increasing the live conversation rates of sales professionals.
- Architected Datafresh's NoSQL Python API for performance and scalability with minimal complexity and cloud costs.
- Solved problems of load balancing, equitable queueing, stateless design, parallel processing, and more
- Created an automated Python testing suite to validate edge cases and performance requirements
- Significantly contributed to business and overall design decisions

SOFTWARE ENGINEER | GE HEALTHCARE | JAN 2022 – PRESENT | FULL-TIME

- Developed enterprise web applications using Java Spring and MSSQL stored procedures
- Handled ingestion and transformation of PII, HL7 messages, and clinical data
- Maintained 80%+ Sonar coverage of all software using JUnit testing with Mockito and Groovy
- Resolved production and staging outages in a timely manner
- Created an AWS-hosted Azure API in C# to sync Jira and Microsoft Teams for seamless technical communication

SOFTWARE INTERN | AIR FORCE RESEARCH LABORATORY | MAY 2020 – JAN 2022 | PART-TIME

- Created a Python app with MySQL datastore to simplify software containerization on HPC systems: "Automated customizable containerization", https://doi.org/10.1117/12.2585842
- Wrote Python scripts to automate the submission of HPC jobs (https://doi.org/10.1117/12.2586092)
- Received training in ITAR modeling software and set up private Gitlab, Overleaf, MySQL servers, and Linux systems

SALESFORCE ADMINISTRATOR | AEROSEAL | NOV 2019 – JAN 2022 | PART-TIME

- Supported 55+ users as Aeroseal's only Salesforce (SF) Admin, supervised an intern, and interviewed potential hires
- Completed over $100,000 worth of Salesforce cleanup and re-design based on consultant estimates
- Rapidly resolved time-critical emergencies, provided business intelligence and insight to all department heads, automated sales and marketing workflows, fixed over 100k invalid records, integrated a business-critical MongoDB database into SF
- Added PHP snippets to marketing WordPress sites

SOFTWARE INTERN | SKYWARD | OCT 2020 – AUG 2021 | SECRET CLEARANCE | PART-TIME

- Created two applications to render proprietary 3D models. The first used pure Golang while the other processed the models in Go, transferred them to an Electron.JS frontend as serialized JSON, and rendered them using Babylon JS.
- Wrote bash scripts to detect modem failure in remote data collectors and do a hard reset as needed

Education

B.S. COMPUTER SCIENCE | OHIO STATE UNIVERSITY | MAJOR GPA: 3.97 | TAU BETA PI | DEC 2022

Data Structures and Algorithms, Artificial Intelligence, Reinforcement Learning, Data Mining, Software Requirements Analysis, Linear Algebra, Operating Systems, Networking, Databases, Web Development

A.A. PSYCHOLOGY | WRIGHT STATE UNIVERSITY | GPA: 4.0 | HIGHEST HONORS | MAY 2021

Projects

- JavaScript/HTML card game (https://github.com/dmogilevsky/GameOfSet)
- Ruby on Rails TA management platform (https://github.com/dmogilevsky/OSU-Grading-Application)
- Python A* search puzzle solver (https://github.com/dmogilevsky/A_star_Search)
- Beating Lunar Lander and Mario with Reinforcement learning (https://gryslik.github.io/ml-musings/)

Skills and Bio

Java | Golang | Python | C# | .NET | SQL (MSSQL, SQLite3, MySQL) | Docker | React.JS | MongoDB | Spring Boot | Git / Github | CI/CD | C | C++ | JavaScript | Graph API | AWS | PHP | Azure | x86 Assembly | Mockito | Groovy | Unit Testing | Linux | Jupyter Notebook | Bash | Ruby on Rails | REST APIs | Agile | OOP | VS Code | IntelliJ | Vim | Jira | Rally

An ambitious and driven individual who brings value to teams. I've competed internationally in powerlifting and enjoy hobbies such as motorcycling, hiking, swimming, rock climbing, investing, and attending Synagogue services. Fluent in English and Russian. Thank you for reading my resume and considering my application