Greg Dorshimer

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Professional Summary

Well-rounded tech professional in search of a position in software engineering, seeking to leverage a broad tech background to bring a new perspective to development. Code samples and personal projects available on GitHub.

Education

B.S. Computer Science, Northeastern University

Enrolled, Grad. Cert. Statistics, Univ. of Southern Maine

Google Data Analytics and Advanced Data Analytics

Work Experience

Computer Science Intern

Kelson Marine Co., Portland, ME
May 2025 – Dec 2025

Engineering Materials Database Migration:

- Collaborated with stakeholders to define goals and scope
- Trialed API platforms and web frameworks to support integration with existing Excel, MatLab, and other software
- Architected API, data processing, and validation
- Developed web application, integrated testing with deployment pipeline, and migrated data

Slack Bot for Server Status Alerting:

- Diagnosed need for automated tool to check server availability
- Proactively recommended changes to network to support bot operations and improve security for existing remote access processes
- Developed Slack bot and deployed to cloud hosting platform

Projects

Personal website with Sudoku: gregdorshimer.com, hosted on Heroku, auto-deploying from GitHub. Django web framework, HTML/CSS with Bootstrap and jQuery. Integrating with external API at youplaysudoku.com.
Source: github.com/gregdorshimer/webapp

Weather Forecast Website: gregsweather.com, a website for querying and displaying weather forecasts from NWS. Hosted on Heroku, auto-deploying from GitHub. React with Next.js. *Future development:* integrate with Google Places API for search.
Source: github.com/gregdorshimer/gregs-weather

Tools, Skills

Programming languages used: Python, JavaScript, Java

Other Libraries/frameworks used and concept familiarity: Object-Oriented Programming; DNS, networking; EDA, Pandas, Seaborn; Confusion matrix, recall/accuracy/precision/f1; Machine-learning: decision tree, random forest, scikit-learn, XGBoost, hyper-param. tuning, Grid Search CV