Thoras Intern Take Home Interview

≔ Skills

Welcome 👋🏻

At Thoras.ai ⚡, we don't believe in watching you work through an irrelevant leetcode question during an interview. We'd rather learn how you tackle a problem and walk through a solution with you!

Problem

There is currently a snowstorm ❄️ coming this weekend in Washington DC! Thoras's new customer is an online lawn and garden 👨‍🌾 store and because everyone is buying shovels, customers are reporting outages at random types and their SRE team needs help understanding usage trends before they start losing more business!

Create a **simple** web application using Node.js that will take will take an input of cpu values and find the anomalies/outliers in the dataset.

Note- this should not take more than 3 hours. A very basic application with basic functionality is just fine.

- The web application can be built locally (can be deployed in the cloud, but isn't necessary).

- Data can come from anywhere or generated.

- User should be able to upload a csv of data points and view the anomaly results via a graph and/or written (brief) summary.

Before the Meet & Geek-

- Please e-mail the code/project ahead of time with a very short README describing how to run the application.

During the Meet & Geek-

- Please be ready to discuss web application workflow and the chosen method for anomaly detection.

- IWe'd like for you to demonstrate inputting a sample dataset and discuss your results/analysis.