



Tech-Internship Program

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metabaseq.com





Who we are

We protect companies that are changing the world.

We are an analytics-driven managed security services provider. We help businesses fight cybercrime, protect data and reduce security risk through nimble and innovative technologies.

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Data Engineering

Data engineering is key in our drive for Metabase Q to remain a leader in the cybersecurity sector. Through the creation of data pipelines, software and services, data engineering enables us to achieve our vision of creating a data driven business and as an enabler for advanced analytics. To meet this new demand, we are actively looking to recruit within our established data focused teams.

We are on the lookout for students who are passionate about data, data engineering and software development, who are interested in developing and using that knowledge, and are seeking an exciting and rewarding working environment.

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Job Description

- To design and build modern data pipelines, solutions and software
- To make data available through the movement, combination, transformation and data exposure, including framework and API creation
- To develop and maintain solutions within our Amazon Web Services cloud-based data platform
- To work on the implementation of the company's new data strategy and data architecture
- To follow best practices within data engineering, software development and security
- To champion the company adoption and ongoing use of our data platform.



Candidates should desire to work with:

- ETL and ELT processes
- Design efficient algorithms and data structures
- API first development
- Designing and building Big Data solutions
- Cloud architecture and development
- Databases and SQL / NoSQL
- Data streaming frameworks
- Coding in Python
- Scripting in PowerShell or bash
- DevOps including CI /CD and infrastructure as code
- Visualization and Reporting
- Data architecture, modelling, security and quality

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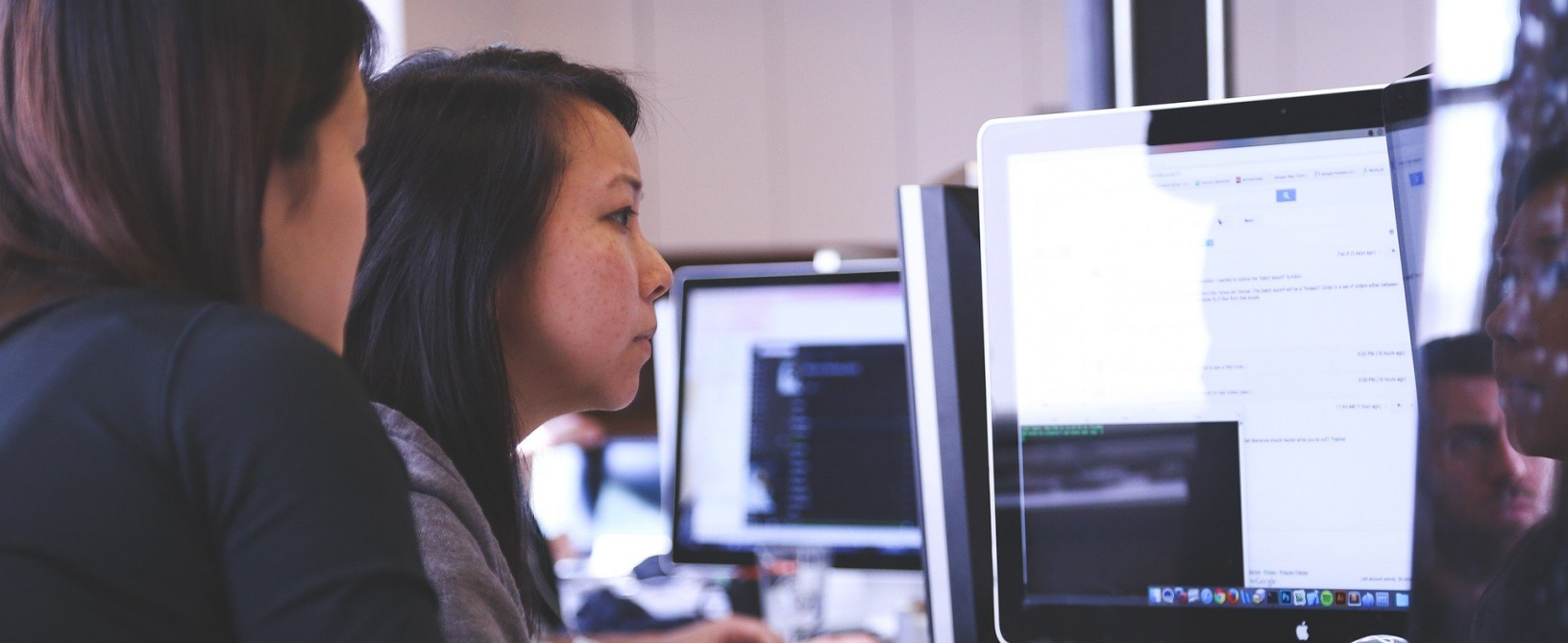


Skills

- Intermediate/advanced English level
- 20 hours available per week
- 6 months commitment
- Basic knowledge and experience to TCP/IP networks
- Passion for data and network security
- Take the Tech-Challenge

Selection Process

- Phone screening with the candidate
- The challenge is handed to the candidate who has one week to complete it
- The candidate will present their solution followed by a Q&A session
- Send your CV and a cover letter to contact@metabaseq.com



Apply now!

The challenge consists in a problem definition, objective, methodology and expected results. The problem to solve is, at glance, collect data from at least two API's from infosec technologies (i.e. Shodan), transform the data into a structured format and and load it into a data lake for further analysis.

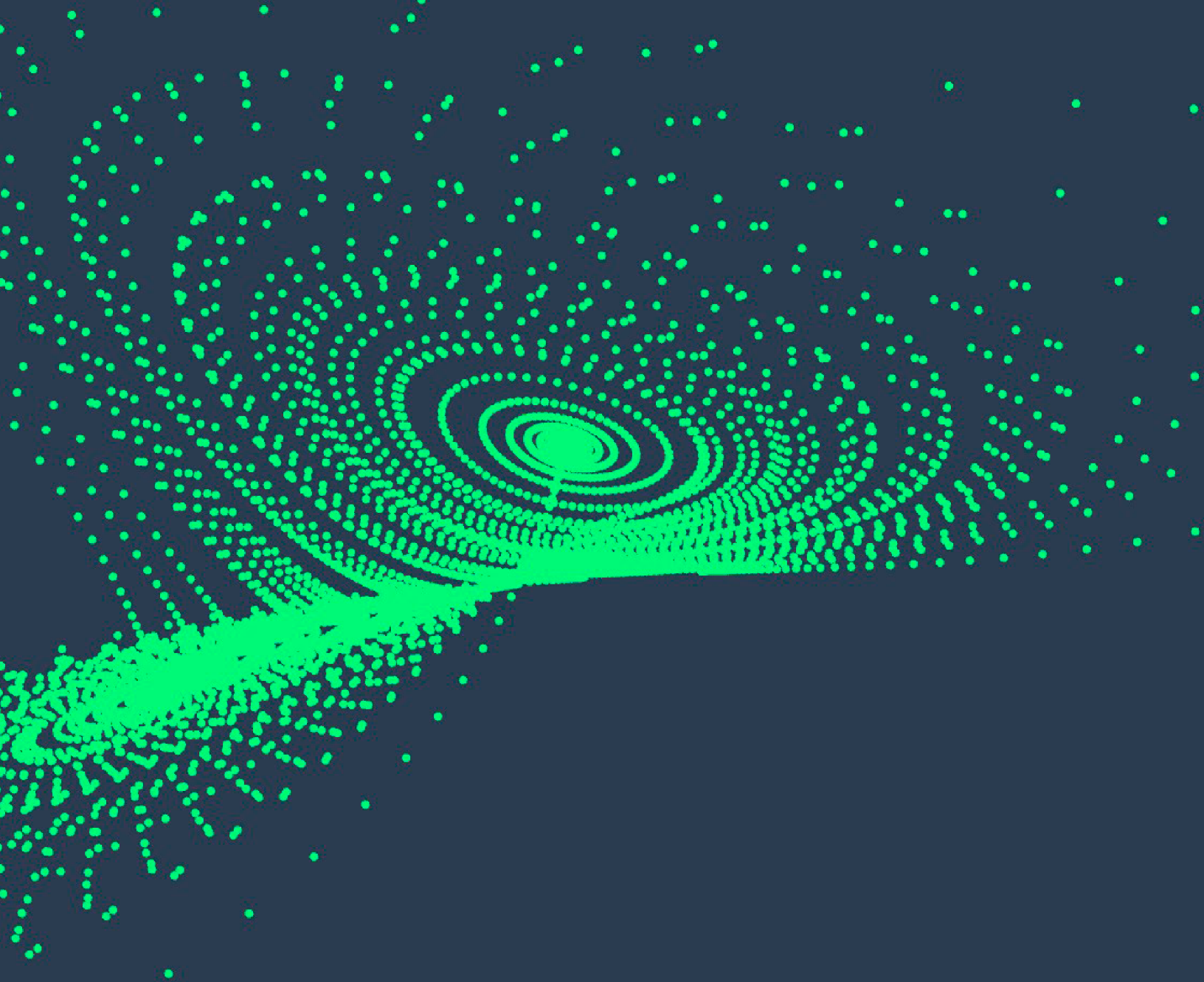
The challenge must be solvable in 8-12 hours. It is handed to the prospect and from there they have one week to solve it. It is expected that the candidate contacts us with questions about the challenge. After one week the candidate must submit the solution to a code management system like GitHub.

After a quick review, the candidate is invited to an on-site presentation of the solution, with a Q&A session to explain:

- His approach to the problem
- What was the most complicated issue they had to solve
- What would they have done different
- Any other question from the team

Finally, the team evaluates the candidate and the solution, and decide to whether continue the process or not.

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