

### **Cloud/Data Architect**

Kubid research is a Cyberport-based start-up that focuses on developing and applying innovative Bayesian models for forecasting financial markets and decision makings. We believe that probabilistic programming will completely disrupt how financial market participants operate and we want to be at the forefront of this revolution.

We are searching for a Cloud/Data Architect to join our team to work on maintaining our data ingestion work flow and designing a solution to migrate the architecture and workflow from a standalone Linux server to Cloud-based server-less architecture. During the initiative, you will get to work with Cloud technologies and gain exposure to financial data management.

### **Additional information**

- This post is full time and will be based in our Cyberport office
- The duration of the contract is negotiable between 1 and 2 years

### **Selection Criteria**

- MS/BS in Computer Science or related disciplines
- Experience with Linux and scripting languages, e.g. Python, R, JavaScript
- Experience working with relational database systems, e.g. MariaDB, MySQL.
- Experience with Public Clouds, e.g. AWS, Azure, or Google, is an advantage but not required

### **How to Apply**

Email CV to [career@kubid-research.com](mailto:career@kubid-research.com)

### **Postdoc Bayesian/AI Research Scientist**

Kubid research is a Cyberport-based start-up that focuses on developing and applying innovative Bayesian models for forecasting financial markets and decision makings. We believe that probabilistic programming will completely disrupt how financial market participants operate and we want to be at the forefront of this revolution.

We are searching for a postdoc candidate to help us develop next generation Bayesian forecasting models and decision engines by tackling some of the following problems:

- Multivariate time series model with noise structure
- Constrained correlation matrix fitting/learning
- Sampling over tail of posterior distribution for utility optimisation

### **Additional information**

- This post is full time and will be based in our Cyberport office
- The duration is negotiable between 1 and 2 years
- It is envisioned that this position will be supported by The Innovation and Technology Fund's Postdoctoral Hub Programme
- It is envisioned that part of the work produced under this internship can be make available to the general public via open source initiative

### **Selection Criteria**

- PhD in a quantitative discipline such as Computer Science, applied statistics, engineering, etc
- Research experience in applying Bayesian models and probabilistic programming (Stan being a big plus) on limited and noisy data set
- Working knowledge of Linux, R and SQL
- Keen interest in financial markets

### **How to Apply**

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