JAMES HAN

email@jameshan.me — https://jameshan.me

ABOUT ME

Online	GitHub @coldice1915	PCPartPicker @coldice1915	LinkedIn @jameshan-dot-me
Languages	English, Korean, learning Chinese
Interests	agápē, purpose, family, people, perspectives, self-knowledge, first principle, abstraction, automation, …

EMPLOYMENT

Sparus Holdings *sparusholdings.com*

Python Developer   remote (2021 –)

- Scaled the AMLD product to handle 10x the inbound volume
- Incorporated the latest advances in big data management (Lakehouse and serverless systems)
- Built analytical and operational dashboards to visualize geospatial data and track KPIs for stakeholders
- Developed ETL processes and web apps with CI/CD implementation
- Designed analytics end-to-end using Apache Spark and data lakes on Hadoop
- Responsible for automation, internal tools, data infrastructure, integrations, and algorithm vectorization—in collaboration with CSU
- Worked with and supported operations, data scientists, and engineers ranging from junior to staff level

AlgoHan *algohan.com*

Sole Proprietor   remote (2020 –)

- Built algorithmic trading and investing models, from idea generation to automation
- Implemented a quantitative infrastructure for near real-time data feeds and triggers
- Developed concurrent I/O workloads and parallel processes of data through the algorithm
- Visualized data and workflow, such as equity price movements and system checks
- Backtested trading strategies against historical data to evaluate risk and bias

The Ulysses Group *theulyssesgroup.com*

Software Engineer   remote (2020 – 2022)

- Designed a hybrid cloud architecture for storing and processing telematics data on AWS
- Built on-prem Linux workstation and Thunderbolt 3 standard / performance storages
- Integrated data feeds from vendors and established data feeds to customers
- Responsible for data management, analytics, integrations, and data discovery
- Awarded an ID/IQ contract under the Air Force's ABMS program

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EDUCATION

Binghamton University

Bachelor of Science in Integrative Neuroscience   Binghamton, NY (2016)

PERSONAL PROJECTS

- `jameshan.me` — about me
- `github.com/coldice1915`