HOLONI

HOLONI is a European digital cleantech startup. We build AI, Blockchain and IoT solutions at the crossroad of clean energy, fintech and smart cities.

We are currently developing a first suite of products to massively scale solar rooftops in cities. This activity is funded by AI4cities.eu, and backed by ambitious European cities and EU Horizon 2020. In consortium with Energinet, the Danish Transmission System Operator, HOLONI develops a new solution framework to help cities reduce their CO_2 emissions. Since Q1 2021, we have successfully won three consecutive competitive tender rounds. In 2022, we will cooperate with the municipality of Copenhagen to implement our prototype solution. In this period we will do experiments to validate market fit and technical feasibility. We will use this project to build our technology development roadmap and identify the path to massive scaling.

HOLONI's solution for AI4cities leverages Artificial Intelligence (AI) beyond the prediction of solar production and predicts and analyzes how much solar surplus can be generated from positive energy buildings and city districts. Leveraging green and feeless Distributed Ledger Technologies (DLT), we build a digital platform enabling local solar surplus from rooftops to be incentivised and consumed within the city. In collaboration with Energinet, HOLONI integrates ORIGIN, a prototype solution to prove the origins of electricity by the hour.

HOLONI's founding team is composed today of two senior professionals, Wilfried Pimenta and Nicolai Løvdal, with international corporate, startup and research experience with the energy, deeptech/DLT and sustainability domains. They leverage a broad network of enterprises, startups and academia and cooperate formally with Energinet, UiO and AI experts as part of AI4cities. HOLONI takes roots and inspiration in earlier initiatives involving the team members including the IOTA's ecosystem in the smart city and energy domains, H2020 +CityxChange exploring local peer-to-peer energy trading for Positive Energy Districts (PED), sustainable energy traceability in a Positive Energy Building to EV Charging context involving many partners. Further we draw from our hands-on experience from designing crowdfunding platforms, public incentive schemes and tools for profitable sustainability.

HOLONI's DNA

DELIVER IMPACT	DIGITAL TRUST	TRANSFORM INDUSTRIES
No-bullshit sustainability with massive impact	*Decentralized systems and inclusive business models*	*Bridging emerging tech and today's real world problems*

HOLONI partners

The startup venture is incubated by Alpha Venturi (AV), an independent Norwegian advisory, co-innovation and venture studio specialized in deeptech and digital cleantech. Under the AI4cities program, HOLONI's research and development is currently carried out in collaboration with

Job: Full Stack & Blockchain Engineer - Part-time freelance contract (Remote, Europe)
Deadline: ASAP
Show us your track record and tell us why you should onboard Holoni:
jobs@alpha-venturi.com

The Opportunity

We are looking for a Full Stack Software Developer with experience in DLT / smart contracts. Initially defined as a freelance contract associated with the AI4cities project, this could potentially lead to a long-term freelancer engagement or shift as core part of the startup team.

Who are you

- You did what was necessary to catch the Blockchain train, done your research, trained yourself and developed DLT enabled applications beyond PoC stage
- You find Web3 & Crypto fascinating and love to solve real world problems
- You are a fast learner, proactive team player and get the job done

Job responsibility

- Provide constructive feedback to the team on IT architecture and technical specs of our AI4cities solution
- Take charge of DLT enablement and deliver proof of concepts, including interfaces with Energinet
- Cooperate with the team and researchers to scope the design and dev roadmap of full platform
- Work autonomously while maintaining a high degree of accountability and transparency
- Perform and thrive in a fast moving entrepreneurial environment

Core Competencies

- You write well-structured, efficient, and maintainable code
- You bring experience in building scalable distributed applications and cloud based solutions
- You have a solid understanding of REST API specification, design principles and related tools and demonstrable experience interfacing with / implementing scalable and robust integration
- Knowledge and experience in DLT/Blockchain smart contract programing including EVM/Solidity language and motivation to learn about the IOTA Tangle
- You are used to work and collaborate remotely

Nice to Have

- You have demonstrable experience building mobile/web applications using modern frameworks
- You have prior experience in the Blockchain for Energy and or Smart city space, maybe through R&D projects
- You are based in Northern Europe. In best case near Oslo or Agder, where we have our Norwegian offices

What we offer

- The opportunity to work with truly innovative solution as part of a new digital cleantech venture driven by senior professionals and established partners
- Apply DLT to solve real world problems and make a tangible positive impact on climate
- Culture of trust, empowerment and constructive feedback