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

HOLONI

Job: Part time Head of tech / acting CTO (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 Head of Tech / acting CTO to join the two existing co-founders and partners to accelerate our product development. Past a trial phase through the AI4cities project ending in September, the cooperation would ideally lead to a long-term engagement as CTO

Who are you

- You've been part of designing and building end to end software solutions and robust IT architecture leveraging the latest tech
- You feel ready to explore a potential CTO role and can't wait to shape a brand new venture
- You find Web3 & Crypto fascinating, and love to solve real world problems

Job responsibility

- Take lead in defining the roadmap and driving technical development of our solutions/products
- Scope technical functional requirements of our solutions
- Design and create elegant and secure IT architecture/platform leveraging DLT, AI and Cloud
- Hands-on contribution to the development of the platform
- Screen, onboard and manage additional developer resources
- Coordinate technical partners and interface with their stacks
- Work autonomously while maintaining a high degree of accountability and transparency
- Perform and thrive in an entrepreneurial environment

Core Competencies

- You are well-structured, efficient, and can supervise multiple team members and their code
- You bring experience in building scalable distributed applications and cloud based solutions with attention to security and privacy
- Some knowledge and basic experience of DLT/Blockchain and AI
- Hands-on and not afraid to step in programing
- You are used to work and collaborate remotely

Nice to Have

- You have demonstrable experience building mobile/web applications using modern frameworks
- Familiar with challenges and opportunities related to DLT/Blockchain and AI
- Front-end capabilities
- Interest and prior engagement in the clean energy space
- You are based in Northern Europe. In the best case near Oslo or Agder, where we have our Norwegian offices

What we offer

- The opportunity to shape a new digital cleantech venture together with senior co-founders
- Develop truly innovative digital solution solving real world problems
- Culture of trust, empowerment and constructive feedback
- Share-options to be discussed for the right candidate