



Powering molecular discovery through quantum algorithms and machine learning

Front-End Technical Lead - Position Available

Position

Entos Inc. provides tools for molecular and materials discovery through the use of physics-based machine learning. We have recently launched a new partnership to expand the reach and impact of our current technology. That partnership, with Schmidt Futures, a philanthropic initiative co-founded by Eric and Wendy Schmidt, will yield an open-source platform for chemical discovery. The new platform, called Entos Envision, will use machine-learning and quantum mechanics to enable researchers to find desirable molecules as easily as Google Maps makes route planning for motorists.

We seek a front-end technical lead for Entos Envision. Successful applicants will have the opportunity to guide and develop highly interactive and data-focused applications with a simple goal: Everyone who is thinking or talking about molecules should have Entos Envision in their hands.

Responsibilities

- Foster an atmosphere of inclusivity and mutual excitement through open communication and agile structures
- Lead, mentor, and empower a rapidly growing engineering team
- Construct a growing ecosystem of interactive web-apps for chemistry applications
- Strategize across teams to produce robust and usable APIs

Preferred Qualifications

- 6+ years experience with Typescript, React.js, or related frameworks
- Experience with a variety of software architectures (e.g., microservice, monolithic)
- Experience with a variety of API architectures (e.g., REST, SOAP, GraphQL)
- Familiarity with bidirectional communication partners (e.g., SocketIO or websockets)
- Familiarity with any of the following RxJS, Web-based 3D engines, SVG

Also

- Competitive compensation, inc. equity, benefits (medical, dental, vision), and 401K matching
- Location in Pasadena, CA is preferred

Company Background

Entos was founded in 2019 by faculty from Caltech and the University of Bristol and is situated at the interface of quantum chemistry, machine learning, and drug discovery. We seek to bring quantum simulation to real-world problems, with the aim of disrupting entire industries. Our team is tight-knit and rapidly growing. We are committed to building an inclusive work environment at Entos, where a diverse group of talented people work together to create awesome technologies. If you have the curiosity, passion, and collaborative spirit, join us and let's change the world together!

Submit a Cover Letter and Resume to: Jeanne Grover, jeanne@entos.ai