444 Somerville Ave
Somerville, MA 02143
www.adaviv.com
apply@adaviv.com

June 16, 2020

Position: Frontend & UI/UX Intern
Start Date: immediate

Where would you work?

AdaViv is an innovative agriculture technology company specializing in greenhouse and indoor farming and spun off of MIT in 2018. We are building AI-powered plant care software to keep digital eyes on plants and help growers know what each plant needs to get the most consistent and highest yields. By initially focusing on high value crops like cannabis, we are enabling growers to continually improve the growth of each plant. We aspire to help build the future of sustainable agriculture.

What would you be doing?

As a **Front-End UI/UX Developer** at Adaviv, you will be in charge of prototyping, development, testing, and deployment of user interfaces for beta and production-level software. Our modular development framework is designed to offer scalable software architecture for applications such as plant growth and health analytics, as well as resource management.

We're a small, high-performance team whose domain expertise covers all dimensions of our product, from biology to AI and business. You'll have the opportunity to make a big impact on both the company and our customers. We bring design-to-value thinking to all dimensions of our product development and believe in designing highly effective experiences, starting internally and extending to our end customers.

This is a **part-time position** (20-30 hours/week) with the opportunity to grow into a full-time position in the coming 3-5 months given fit and successful projects.

Who are we looking for?

We value a can do-will do mindset, thirst to continually learn and great, respectful communicators. You would bring a unique perspective and ideas to our diverse team and help us cultivate empathy for our customers and for fellow team members. Your ideas and skills will ideally come from a diverse set of experiences across research, self-motivated projects and industry. You use a human-centered design approach to solve problems and you love the challenge of simplifying complex problems to achieve simple, intuitive and visual user experiences through innovative software design. You also thrive in ambiguity, while demonstrating the ability to help your team raise the bar on customer experiences.

Responsibilities:

- Building modular-scalable web-based user interfaces and rapidly iterating over new UI features.
- Helping to build out the UX vision for Adaviv's plant-care cultivation software and develop products and services for our internal uses such as annotation pipelines and data quality control.
- Facilitate knowledge transfer via reports, presentations, and team interactions.
- Work collaboratively inside a tight-knit team and fast-paced environment; manage UI/UX interns.

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- Design work plans aligned with established milestones and KPIs; track workstream KPIs.
- Remain current with state-of-the-art developments in user-centric design and rapid development frameworks and provide insight regarding new and emerging technologies.

Degree Requirement:

- B.Sc or M.Sc in Interactive design, software or a relevant field.

Required Skills and Qualifications:

- 1-3+ years experience in front-end software development in an industrial setting (recent graduates with exceptional functional and communication skills will be considered.)
- Fluency in Javascript (asynchronous programming, types, and ES6).
- Deep expertise in React development framework and the ecosystem around it; savvy in useful libraries, tools, software, platforms, and development environments that are widely used.
- Solid foundational design (UI/UX theory) and basic CS/algorithmic skills.
- Understanding of principles of software development using agile and continuous development methodologies.
- Strong background in Test-Driven Development and ability to independently carry out all phases of a software development process (analyze requirements, design, construct, test, debug, deploy, maintain).
- Integration experience using interfaces and Web APIs in JSON and XML formats.

Valued Skills and Qualifications:

- React Native and mobile app development experience and knowledge.
- Expertise in developing interactive data viz and experience using open-sourced libraries.
- Prior experience in using design-thinking, UX methodologies, other user-centric frameworks.
- Dual degrees in both design and software.
- Fluency in various software products like Sketch and Adobe Creative Suite for creating wireframes, prototypes and redlines.
- Proven ability to work productively, efficiently and comfortably in a dynamic, fast-paced environment and an ability to make informed, quick decisions in a complex problem space.

AdaViv thrives on diversity of its team members. We are an equal opportunity employer. We seek and celebrate our diversity and are committed to growing in this area together and constantly raising the bar of creating an inclusive environment for all of our employees.

With our core beliefs in action we will be a flexible, fun, stimulating, creative, collaborative and successful organization. If this sounds like the type of startup you'd like to be a part of and want to help us change how we grow food and medicines for the better then please email apply@adaviv.com with the subject: "UI/UX Position - <First and Last name>". We look forward to hearing from you!