

## **Job Spec Summary: Matmerize – Front-End Developer Intern, Summer 2022**

Are you excited about the growth potential and industry impact of the burgeoning materials informatics field? Want to contribute to a startup which develops Artificial Intelligence (AI) capabilities to accelerate new materials design, thus driving breakthroughs in next-gen advanced sustainable products? Do you strive to engage with industry leaders to help them solve their R&D bottlenecks?

Matmerize is a Georgia Tech startup that uses machine learning to accelerate and transform the development of new materials for applications in sustainable packaging, semiconductor manufacturing, aerospace, and a broad range of other applications. We are a member of ATDC and a rapidly growing company. We have built a platform called PolymRize that helps materials manufacturers and R&D experts commercialize new materials technologies at unprecedented speeds. This approach dramatically reduces material development costs and development cycle time, accelerates top-line sales growth. For more information, check out our website at [www.matmerize.com](http://www.matmerize.com).

We have been awarded over \$400,000 in non-dilutive funding and are now looking to grow our team. We are looking for a Front-end developer to join our team of world-renowned AI/ML experts committed to developing *the* standard for data-driven polymer materials technology development.

### **Who are we looking for?**

We are looking for a Front-End Developer to join us starting Summer 2022 (starting earlier is possible) as an intern (up to 40 hours/week) with opportunities for full-time employment subsequently.

As **Front-End Developer**, you will work directly with Matmerize's core tech team, including engine developers and system architects to build our flagship polymer informatics products. If you love designing great user interfaces that enable users to intuitively access complex technologies and are excited about continuously listening to developer needs and customer feedback for improving the user experience, this is the role for you. The role requires passion, dedication, persistence, tenacity, attention to detail and insatiable curiosity. Matmerize is growing to serve a changing industry, and we are looking for thoughtful, resourceful individuals to help us grow as efficiently as possible.

If you think you are a good fit, even if you do not meet the exact qualifications below, please reach out.

### **What will be the nature of your activities at Matmerize?**

- Develop user-facing layouts to maximize the user experience
- Work on existing code bases to contribute feature requests from back-end developers
- Keep code reusability for future use and smooth maintenance
- Communicate with back-end developers and polymer informatics team to collect app requirements and bug reports
- Help organize the contents and improve the design of company website

### **Qualifications**

- Ability to collaborate with team members including back-end developers throughout the life of projects
- Thorough understanding of HTML5 / CSS3 / JS / JQ.
- Comfortable with Python for web application development; Flask/Jinja2 experience a major plus
- Ability to design the layout using Bootstrap and CSS3
- Solid understanding of Git for collaborative development
- Familiarity with graphics software such as Adobe Creative Suite

Please include a resume, a link to your portfolio and/or your work cases when applying. Please indicate your contribution and role to each project.

**Please direct all inquiries to: [info@matmerize.com](mailto:info@matmerize.com)**