

## About HistoWiz

[HistoWiz](#) is a Y Combinator-backed biotechnology company in New York City. Our mission is to help biomedical researchers find cures by accelerating histopathology and enabling global collaboration. **We are looking for Senior Software Engineers interested in joining our mission and serving the public health.**

We are the largest online histopathology service company with over 1,000 paying customers globally from top academic institutions (e.g. MSKCC, Harvard, Stanford, CDC) and pharmaceutical companies (e.g. CRISPR, Johnson & Johnson, Regeneron). We process tissue specimens and digitize all of the results, hosting our client's data on a proprietary platform, **PathologyMap™**. This platform not only enables industry-leading turnaround time for diagnosis, but also online viewing, sharing and search of pathology data. No other platform like this exists, so we are truly building something new that can bridge scientists, doctors, and patients from all over the world to conquer diseases collaboratively instead of individually. This online platform also contains the world's largest collection of pathology data and the first network of top pathologists. The database and the annotations accumulated through our telepathology service enables the application of machine learning in histopathology on an unprecedented scale. We have developed and successfully commercialized our AI tools, and you can be a part of this too!

We believe in investing in our employees' professional development and encourage networking within the bioscience, tech, and startup communities for all our employees and collaborators. Above all, we look to foster strong team values, where we support each other through the fast-paced startup environment. Compensation is top-notch and generous equity is available for outstanding employees, commensurate with the impact you have within our organization and for the scientific community overall.

## Who are you?

We are looking for a dedicated and mature software engineer to join our fast-growing team, helping us maintain the existing platform, as well as developing new tools as requested by clients, pathologists, and our internal team. You will work with our Lead Engineer and Director of AI to develop the infrastructure that allows our users to store and analyze their research data. You will help make key decisions about our code architecture and direction of our technologies and products.

## About the role

This role is ideal for a team player who thinks unconventionally and is ready for a lot of responsibility and problem solving.

## Our Stack:

- Frontend: ReactJS, Material-UI, JSS, Webpack, GatsbyJS
- Backend: Python 3.6, Django (RESTful APIs), TensorFlow, PostgreSQL
- DevOps: Docker, Ansible, CircleCI
- GitHub, GCP, Netlify, CloudFlare, Amazon S3, Sentry

We try to keep most of our stack on the latest stable releases to minimize technical debt.

### Responsibilities:

- Write scalable, testable, and maintainable code for the frontend and backend
- Work closely with customers and internal team to strategically prioritize features on the product roadmap
- Make critical architectural decisions. Research new technologies and understand complexity tradeoffs
- Build robust data pipelines to feed into machine learning algorithms
- Provide technical support to the internal team
- Handle automated deployments and maintenance for web servers.

### Requirements:

- Degree in computer science or equivalent
- 5+ years of experience in Django, Python, React
- Experience with AWS (e.g. CloudFormation, EC2, RDS)
- Experience in full stack web development, including front-end and back-end development
- Demonstrated leadership or capability to see projects through completion
- Effective technical communication skills to both technical and non-technical stakeholders
- Living in or willing to relocate to NYC to work in person

### A plus:

- Previous experience at early stage startups
- Experience in computer vision, data mining or statistics

### Additional Benefits:

- 100% coverage on employee health, vision and dental insurance
- [START-UP NY Program](#) (~10% salary exempt from NYS and NYC personal income tax)
- Commuter benefits and free citibike membership
- Flexible Spending Accounts (FSA)
- 401k
- 3 weeks PTO
- Team building events outside of the office and free weekly lunch

**If interested, please email resume and cover letter to Jerry Kuang, Chief of Staff, [jerry@histowiz.com](mailto:jerry@histowiz.com).**

