ADOBE - TECHNICAL ENGINEER & DATA SCIENTIST (VIA WAYUP)

Posting ID: EM16827099

Company: Adobe

Position Type: Full-Time

College Major(s): Electrical/Computer Engineering (EE/CpE)


Work Location: New York, NY

Salary:

College Level(s): Undergraduate-Freshman, Undergraduate-Sophomore, Undergraduate-Junior, Undergraduate-Senior

OVERVIEW

Adobe is changing the world through digital experiences. For more than two decades, Adobe has been at the heart of making engaging experiences happen, and we fuel the content creation and delivery ecosystem in a way no other technology company can.

Whether it's a smartphone or tablet app, a game, a video, a digital magazine, a website, or an online experience, chances are that it was touched by Adobe technology. Our tools and services enable our customers to create groundbreaking digital content, deploy it across media and devices, and then continually measure and optimize it based on user data. By providing complete solutions that combine digital media creation with data-driven marketing, we help businesses improve their communications, strengthen their brands, and ultimately achieve greater business success.

Adobe's business is focused on the opportunities in two key growth markets—Digital Media and Digital Marketing.

Digital Media
Adobe's content authoring solutions lead the industry, enabling our customers to more effectively produce, distribute, and monetize digital content.

Digital Marketing
Adobe delivers the most innovative solutions for optimizing marketing campaigns and maximizing return on every marketing dollar.
Roles and Responsibilities
For students pursuing a Bachelor’s, Master’s or PhD during the 2016-2017 school year, Adobe will be hiring for the following technical full-time, regular roles:

Note: By applying to this role your application will be considered for following locations: San Jose, Lehi, Seattle, and San Francisco.

Applying for this position will allow you to apply for the roles below:

- Software Engineer
- Security Engineer
- Quality Engineer
- Data Scientist

The responsibilities for the different roles are listed below:

Software Engineer:

Adobe Software Engineers work on all product teams from Photoshop and Acrobat to Online Marketing. Software Engineers at Adobe are researchers and developers who are driven to create and implement complex computer science solutions.

As a Software Engineer, you will work on our core products and services as well as those who support critical functions of our engineering operations.

Depending on your interest, background and experience, you will be working in either the Digital Marketing, Digital Media or Corporate Technology Business Unit.

Security Engineer:

Adobe is looking for a software engineer who will focus on securing and supporting Adobe’s release engineering infrastructure.

The engineer will support and administer systems such as Perforce, code signing, build machine provisioning and automation, and other critical engineering systems.

What you’ll do as a Security Engineer:

- Troubleshoot issues in build automation, code signing, server provisioning.

- Approve (and deny) requests from engineering teams while educating customers on best security procedures.

- Consult with engineering teams as they transition from legacy automations to newer, secure infrastructure

- Deliver fantastic customer service to the Adobe product teams.

Quality Engineer:

Marian Mason | Internship & Career Services Coordinator | coecareer@unlv.edu | https://unlv.edu/engineering/jobs
UNLV, Howard R. Hughes College of Engineering
Want to help millions of people be more productive? Want to help shape the future of applications found on almost every PC?

Adobe is looking for a developer who is passionate about quality and creating products that impact users’ everyday lives.

What you’ll do as a Quality Engineer:

- Work with other developers and quality engineers to build frameworks for testing application performance and responsiveness
- Work with cross functional teams to improve existing automated test infrastructures and develop new test automation tools
- Author new test scripts and improve automated test coverage

Data Scientist:

Adobe is looking for a Data Scientist who will be building the web’s next generation of products. These products would help businesses understand and manage their customers’ full lifecycle, from customer analytics to marketing media optimization.

By leveraging predictive models, experimental design methods, and optimization techniques, the selected candidate will be working on the research and development of various products that address challenging business problems including real-time online media optimization, marketing mix modeling and planning, media attribution, leads scoring, sales operation analytics, customer conversion scoring and optimization, customer churn scoring and management and social network analysis.

Ideal candidates will have a strong academic background as well as technical skills including applied statistics, machine learning, data mining, and software development.

Familiarity working with large-scale datasets and big data techniques would be a plus.

What you’ll do as a Data Scientist:

- Develop predictive models on large-scale datasets to address various business problems through leveraging advanced statistical modeling, machine learning, or data mining techniques.
- Develop and implement scalable and efficient modeling algorithms that can work with large-scale data in production systems
- Collaborate with product management and engineering groups to develop new products and features.

*At Adobe, we create digital experiences that change the world. How? We help people bring ideas to life by creating content that makes life more fun and work more impactful. We give
businesses and organizations the power to truly engage their customers. We're the ones behind
the gorgeously designed content that streams across your laptop, TV, phone, and tablet every
day—and we’re the ones who harness the massive power of big data to help companies find and
reach the people who crave that content.

We do it with energy, passion, and curiosity, and we’re backed by our rich heritage and culture of
innovation. We’re looking for exceptional talent to join us.

**Education and Qualifications**

**Preferred Qualifications:**

- Experience with big data techniques (such as Hadoop, MapReduce, Hive, Pig, Spark)

- Knowledge of experimental design, ANOVA, statistical inference, and multivariate testing

- Knowledge of numerical or combinatorial optimization

- For students pursuing a Bachelor’s, Master’s or PhD during the 2016-2017 school year.

For the individual roles listed above, the qualifications are listed here:

**What you need to succeed as a Software Engineer:**

- Working towards a BS or MS degree from an accredited university or college

- Computer Science, Computer Engineering, Electrical Engineering or similar technical majors
  with programming experience

- Strong Technical background with analytical and problem solving skills.

- Ability to work with ambiguity and change

- Ability to work on diverse teams

- Experience in any of the following Computer Languages: C, C++, Java, ActionScript, Flex,
  Python or Perl

- Past internship experience a plus

**What you need to succeed as Security Engineer:**

- Working towards a BS or MS degree in Computer Science or equivalent.

- Development experience with Java or C/C++.

- Relentless attention to detail.

- A desire to provide outstanding service.
- A passion for improving systems, processes and workflows.

- Excellent communication and organizational skills.

What you need to succeed as a Quality Engineer:

- Working towards a BS or MS degree in Computer Science or equivalent.

- A minimum of 1-2 years of experience developing automated tests, test tools and automation frameworks

- Experience developing in Javascript, Python, C++, and/or Java

- Excellent verbal and written communication skills

What you need to succeed as a Data Scientist:

- Working towards a MS or PhD degree in Computer Science, Electrical Engineering, Statistics, Applied Math, Econometrics, Operations Research, or other related fields.

- Deep understanding of statistical modeling, machine learning, or data mining concepts, and a track record of solving problems with these methods.

- Familiar with one or more machine learning or statistical modeling tools such as R, Matlab and scikit learn

- Proficient in one or more programming languages such as Python, Java and C

- Knowledge and experience of working with relational databases and SQL

- Strong analytical and quantitative problem solving ability.

- Excellent communication, relationship skills and a strong team player.

Preferred Skills
N/A

How to Apply