



## **Data Scientist (F/M/D)**

Company	Authentic Vision GmbH
Location	On-site Salzburg, AV Headquarters
Website	<a href="http://www.authenticvision.com">www.authenticvision.com</a>

## **COMPANY BACKGROUND**

Authentic Vision (AV) offers a mobile authentication solution used by customers worldwide for brand protection and consumer engagement. Headquartered in Salzburg, Austria, Authentic Vision is a rapidly growing company with a global team and due to increasing customer engagement is expanding the commercial team in Europe.

The solution is based on security tags that provide any product with a unique fingerprint, which can only be produced once. The tags can be authenticated by consumers with use of a smartphone app. A business intelligence portal provides channel & consumer data intelligence based on the scans. Authentic Vision holds several patents and is cooperating closely with a global network of partners to fight counterfeiting.

AV has been successful in signing agreements with US based customers like HDMI (4K and ULTRA Licensing Program), Commscope (electronics) and Helen of Troy (consumer products); and international customers like Lamina (industrial tools), Danfoss (industrial products), Elsewedy (Industrial wiring) and Vulli (Sophie Le Giraffe Toys) and several partners like Authentix and Eurostampa. The company is poised for significant growth and offers a flexible and rewarding environment which recognizes talent and commitment.

## **STAGE OF THE COMPANY**

Authentic Vision was founded in 2012 and the initial years were spent on evolving the core idea into IP, product ideation and product development. In the middle of 2015, customers were adopting the technology without the fully complete product. We have been in market for 5 years and like most start-ups, went very broad across many industry verticals to determine and understand product/market fit. To date, Authentic Vision has ~30 customers.

We are now at the point where we have developed the market focus based on market data, customer engagement and inbound traction that we are seeing, and we are shifting gears to move into growth phase. The target industry verticals (use cases) where we will want to focus will be Brand Licensing and Tax Stamps (Royalty and Tax Compliance), Oils and Lubricants (Anti-Counterfeiting), After Market Car Parts (Anti-Counterfeiting), Wines & Spirits (Anti-Counterfeiting), Agrochemicals (Anti-Counterfeiting), Industrial Products (Anti-Counterfeiting), Digital Media (Anti-Piracy) and Healthcare (Anti-Counterfeiting). Furthermore, we can move into this phase because of a strong belief and the confidence of investors who believe in building a long-term healthy business. It should be noted that this is a highly competitive space and there are a lot of players offering a variety of overt and covert authentication solutions. Our differentiator is a breakthrough in the technology that helps solve for the issues and drawbacks of other solutions.

### **Authentic Vision GmbH**

Ludwig-Bieringer-Platz 1, 5071 Salzburg, Austria | Phone: +43 720 98 44 60 | [www.authenticvision.com](http://www.authenticvision.com) | [info@authenticvision.com](mailto:info@authenticvision.com)

### **Authentic Vision Inc**

19818 Merribrook Dr, Saratoga, CA 95070, USA | Phone: +1 415 577 4249 | [www.authenticvision.com](http://www.authenticvision.com) | [usa@authenticvision.com](mailto:usa@authenticvision.com)

## **Data Scientist (F/M/D)**

### **THE ROLE:**

- Work with unlabeled data gathered globally from scans of the physical, unique Authentic Vision Labels. You will use the data to
  - Rate the performance and correctness of our security algorithms
  - Discover, interpret and predict changes, anomalies and trends in user- and market behavior.
  - Discover, classify and analyze different kinds of attacks and rate their overall impact (e.g. which attacks get more common, ..)
- Develop and implement KPIs to measure the effectiveness of our solution.
- Transform data to information that can be understood across domains internally and by our customers
- Design and develop acquisition strategies for representative benchmarks and datasets. These are crucial to
  - ensure an algorithm's performance in laboratory conditions corresponds to its effectiveness in the wild
  - identify promising paths and dead ends in research early. Therefore having direct impact on the efficiency of our research work.
- Help our customers to understand the data generated from their products, in particular how their product gets counterfeited and where the greatest pain points are.

### **RESPONSIBILITIES, ACTIVITIES AND TASKS:**

- 3y+ industry-experience in Data Analytics, Statistics or similar fields.
- Fast and self-sufficient learner
- Fluent in English (written, spoken)
- A pragmatic and innovative approach to problem solving
- Proficient in Query-Languages and scripting languages (Python)
- Highly skilled in result interpretation and drawing conclusions
- Passionate about data quality, correctness and data integrity
- Ability to develop strategies to reach high-quality conclusions and reliable information from unlabeled data
- Passionate about thinking outside the box / beyond the state of the art.
- Comfortable to work in a research-setting where meaningful results are required and being challenged with non-standard problems

#### **Authentic Vision GmbH**

Ludwig-Bieringer-Platz 1, 5071 Salzburg, Austria | Phone: +43 720 98 44 60 | [www.authenticvision.com](http://www.authenticvision.com) | [info@authenticvision.com](mailto:info@authenticvision.com)

#### **Authentic Vision Inc**

19818 Merribrook Dr, Saratoga, CA 95070, USA | Phone: +1 415 577 4249 | [www.authenticvision.com](http://www.authenticvision.com) | [usa@authenticvision.com](mailto:usa@authenticvision.com)

**PREFERRED EXPERIENCE:**

- Experience in Computer Vision, Machine Learning, Artificial Intelligence or similar fields
- Experience in Programming (Java, C++, ...)
- Experience in rating a system's performance in the market
- Experience in designing and acquiring representative datasets
- Experience in annotation strategies
- Master's degree and/or PhD in Statistics, Informatics or similar fields

**WE OFFER:**

- Your work will have direct impact on the security and performance of our solution in the markets. We operate in challenging markets and the authentication is constantly attacked by counterfeiters.
- You will work in a high growth company, supported by an international investor network
- International environment, staff and customers
- Excellent personal development potential
- Friendly company climate, with flexible working times, food vouchers, table soccer and regular team- and company events

In case you are interested, please submit your CV and cover letter including salary expectations and earliest starting date to:

Authentic Vision  
Thomas Bergmueller  
Ludwig-Bieringer-Platz 1  
5071 Salzburg/Himmelreich, Austria  
[info@authenticvision.com](mailto:info@authenticvision.com)

Due to legal reasons we are obliged to disclose the minimum salary according to the collective agreement for this position, which is € 2.518 gross per month. Our compensation package is based on market-oriented salaries and depending on your background and work-experience, your salary could be significantly above the stated minimum salary.

**Authentic Vision GmbH**

Ludwig-Bieringer-Platz 1, 5071 Salzburg, Austria | Phone: +43 720 98 44 60 | [www.authenticvision.com](http://www.authenticvision.com) | [info@authenticvision.com](mailto:info@authenticvision.com)

**Authentic Vision Inc**

19818 Merribrook Dr, Saratoga, CA 95070, USA | Phone: +1 415 577 4249 | [www.authenticvision.com](http://www.authenticvision.com) | [usa@authenticvision.com](mailto:usa@authenticvision.com)