

	Description
<b>Function</b>	Intern in IT
<b>Location/Contact</b>	AC Immune SA, EPFL Innovation Park, Building B, 1015 Lausanne <a href="mailto:careers@acimmune.com">careers@acimmune.com</a>
<b>Percentage</b>	100%
<b>Reporting Line</b>	Senior Data Scientist
<b>Company Profile</b>	<ul style="list-style-type: none"> <li>AC Immune is a clinical stage Swiss biotech company focused on the development of innovative therapeutics and diagnostics for Alzheimer's and other neurodegenerative diseases</li> <li>150+ Employees, 20+ nationalities, IPO in 2016, listed on NASDAQ</li> <li>AC Immune SA is a progressive, equal opportunity employer</li> </ul>
<b>Job description</b>	The Data Science, Engineering, and AI team is seeking a motivated student to apply data analysis, machine learning, and statistical techniques to various projects. You will gain hands-on experience in data preprocessing, data visualization, model development, and interpretation of results, contributing directly to our efforts in facilitating drug discovery and gaining new insights through data exploitation.
<b>Key Responsibilities</b>	<ul style="list-style-type: none"> <li>Collaborate with the senior data scientist and the senior data engineer to maintain the electronic laboratory notebook (ELN) platform and assist scientists in data collection, cleaning, and preprocessing of large datasets from various sources.</li> <li>Perform exploratory data analysis to uncover trends and insights that drive key decision-making.</li> <li>Support the evaluation and fine-tuning of predictive models to improve performance and accuracy.</li> <li>Create interactive dashboards and data visualization interfaces to communicate data insights effectively for both research and techops teams.</li> <li>Participate in team meetings, presentations, and discussions to share insights and progress on assigned projects.</li> </ul>
<b>Qualifications &amp; Skills</b>	<p>Required:</p> <ul style="list-style-type: none"> <li>Currently pursuing a degree in Data Science, Computer Science, Electrical Engineering, Biomedical Engineering, Applied Mathematics, Statistics, or related field.</li> <li>Demonstrated experience in software development and documentation with Git.</li> <li>Very good knowledge of Python 3.10+, including relevant data science libraries such as NumPy, Pandas, Matplotlib, Seaborn, Plotly or Streamlit.</li> <li>Familiarity with machine learning algorithms and statistical techniques (e.g., regression, classification, clustering).</li> <li>Basic understanding of SQL for data querying and manipulation.</li> <li>Analytical mindset with strong problem-solving skills and attention to detail and good practices.</li> <li>Excellent communication and teamwork skills.</li> </ul> <p>Would be an asset:</p> <ul style="list-style-type: none"> <li>Knowledge of ML libraries such as scikit-learn, Tensorflow, and Pytorch.</li> <li>Demonstrated experience with software containerization (e.g. Docker) and cloud platforms (e.g., AWS, Google Cloud).</li> </ul>

	<ul style="list-style-type: none"><li>• Knowledge in the areas of biomedical, biotech, or chemistry is a strong plus.</li></ul>
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