

# Student Job Opportunities

Internship, Working Student, MSc/BSc/Diploma Thesis

<b>1</b>	IoT, Edge programming <b>On the edge alerting</b>
<ul style="list-style-type: none"> <li>● Research concepts for on the edge alertings and notifications</li> <li>● Implement a prototype for validating different approaches</li> <li>● Work with cloud based IoT systems</li> <li>● Do performance testing</li> </ul> <p><b>Beneficial Qualifications:</b></p> <ul style="list-style-type: none"> <li>● First experience with C++</li> <li>● Linux</li> </ul> <p><b>Starting:</b> anytime                      <b>Location:</b> Dresden</p>	

<b>2</b>	Cloud, Software development, Machine Learning <b>ML Pipelines</b>
<ul style="list-style-type: none"> <li>● Get to know cloud based ML Pipelines</li> <li>● Extend existing Pipelines with new features</li> <li>● Implement data quality monitoring</li> <li>● Do performance testing</li> </ul> <p><b>Beneficial Qualifications:</b></p> <ul style="list-style-type: none"> <li>● Machine Learning</li> <li>● AWS Cloud</li> </ul> <p><b>Starting:</b> anytime                      <b>Location:</b> Dresden/Remote</p>	

<b>3</b>	Software development, UI/UX <b>Internal Services</b>
<ul style="list-style-type: none"> <li>● Work on a modern UI stack</li> <li>● Extend existing Frontend Applications with new use cases</li> <li>● Take UX into consideration</li> <li>● Implement monitoring + error tracking</li> </ul> <p><b>Beneficial Qualifications:</b></p> <ul style="list-style-type: none"> <li>● Front-end development</li> <li>● HTML/CSS/JS</li> </ul> <p><b>Starting:</b> anytime                      <b>Location:</b> Dresden/Remote</p>	

<b>4</b>	Product development, systems integration <b>Demo/Showcase development</b>
<ul style="list-style-type: none"><li>• Design a demonstrator of our services</li><li>• Build up a physical setup of the demonstrator for fairs and exhibitions</li></ul> <p><b>Beneficial Qualifications:</b></p> <ul style="list-style-type: none"><li>• Product Storytelling</li><li>• Affinity with tech products and devices</li></ul> <p><b>Starting:</b> anytime                      <b>Location:</b> Dresden</p>	

<b>5</b>	Software development <b>Online DBC converter</b>
<ul style="list-style-type: none"><li>• Migrate DBC conversion tool from a CLI based python tool to web-based app</li><li>• Documentation of the web app</li></ul> <p><b>Beneficial Qualifications:</b></p> <ul style="list-style-type: none"><li>• Python</li><li>• Full-Stack web development</li></ul> <p><b>Starting:</b> anytime                      <b>Location:</b> Dresden/Remote</p>	

**Send Applications to [jobs@volytica.com](mailto:jobs@volytica.com)**

CV, concise cover letter, if applicable references

**For further inquiries**

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