# Student Job Opportunities

## Internship, Working Student, MSc/BSc/Diploma Thesis

### 1. IoT, Edge programming

**On the edge alerting**

- Research concepts for on the edge alertings and notifications
- Implement a prototype for validating different approaches
- Work with cloud based IoT systems
- Do performance testing

**Beneficial Qualifications:**

- First experience with C++
- Linux

**Starting:** anytime  
**Location:** Dresden

### 2. Cloud, Software development, Machine Learning

**ML Pipelines**

- Get to know cloud based ML Pipelines
- Extend existing Pipelines with new features
- Implement data quality monitoring
- Do performance testing

**Beneficial Qualifications:**

- Machine Learning
- AWS Cloud

**Starting:** anytime  
**Location:** Dresden/Remote

### 3. Software development, UI/UX

**Internal Services**

- Work on a modern UI stack
- Extend existing Frontend Applications with new use cases
- Take UX into consideration
- Implement monitoring + error tracking

**Beneficial Qualifications:**

- Front-end development
- HTML/CSS/JS

**Starting:** anytime  
**Location:** Dresden/Remote
### 4 Product development, systems integration
#### Demo/Showcase development
- Design a demonstrator of our services
- Build up a physical setup of the demonstrator for fairs and exhibitions

**Beneficial Qualifications:**
- Product Storytelling
- Affinity with tech products and devices

**Starting:** anytime  
**Location:** Dresden

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### 5 Software development
#### Online DBC converter
- Migrate DBC conversion tool from a CLI based python tool to web-based app
- Documentation of the web app

**Beneficial Qualifications:**
- Python
- Full-Stack web development

**Starting:** anytime  
**Location:** Dresden/Remote

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**Send Applications to** jobs@voltytica.com

CV, concise cover letter, if applicable references

**For further inquiries**

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