



# Software Engineering Intern at Bright Cape in Eindhoven

Unique ID#: F0010

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# 1. Internship details

Company Name: **Bright Cape B.V.**

Position Title: **Software Engineering Intern**

City: **Eindhoven**

Country: **the Netherlands**

Internship Term: **Summer 2019 (6 months)**

Number of Position Available: **TBD**

Language Requirements: **English**

Company Address: **Heggeranklaan 1, 5643BP, Eindhoven**

Internship Hours: **Full-Time**

Compensation: **TBD**

## 1.1. About us

Bright Cape is the consultancy partner with data science and analytics at its core. Bright Cape provides organizations with insights and solutions that result in (competitive) benefits and value creation for both short and long term. This is realized by our multidisciplinary professionals, who have data as their starting point and customer value as their final goal. We focus on highly innovative projects that are on the verge where data science meets technology.

## 1.2. Internship description

Research the architecture and functionalities for security, versioning, licensing and deployment of a software tool. This tool will change the way industrial manufacturing environments conduct quality control, by utilizing the power of machine learning and big data processing.

### **1.3. Responsibilities**

- Explore and implement ways of keeping the tool maintainable whilst making it both customizable and scalable for deployment in a variety of enterprise environments/architectures (cloud, on premises, etc.)
- Ensure GDPR compliancy for big data handling in both on- and off-site implementations
- Explore, implement and optimize license and version control for both on- and off-site implementations
- Explore and implement ways of optimizing the transition from a development/ beta version into a fully operational production environment

### **1.4. Minimum Requirements**

- experience with software development (either web or desktop)
- (basic) knowledge of programming languages, preferably Python
- (basic) knowledge of machine learning techniques
- (basic) knowledge of embedded systems and/or PLC's

### **1.5. Desired Qualifications**

- (basic) knowledge of data processing and optimization (process mining)
- responsible and yet flexible personality with intrinsic motivation to keep on learning and growing

### **1.6. Benefits of Working with Us**

- working in a highly motivated team of young people, with a passion for (big) data and technology. As the average age of our company is 26, we can provide a fresh and dynamic environment with a huge amount of freedom and flexibility.
- we share an office with EIT in Eindhoven, in the main technology hub for western Europe. So you will be surrounded by great companies and minds.