

# Coding Summer School 2018



August 27<sup>th</sup> - September 7<sup>th</sup> 2018

Virtual Identity

Munich, Germany

## Re-thinking the Website

Thanks to lean backends based on small services and frontends powered by modern frameworks, we can decouple content from presentation. This gives us exciting new opportunities. So let us re-think how to build a website.

We are offering students - from all over Europe - to dig into new web technologies and to discover new ways to build websites.

In a 2-weeks Coding Summer School at our office in Munich, you will explore with us the creative coding world, by:

- Exploring the best practices for **HTML, CSS and JS to build on**
- **Improving your code quality** (TDD, TypeScript, Clean Code)
- **Building an architecture** based on components (web components, BEM, SASS, Redux)
- **Setting up a headless CMS** (Contentful)
- **Communicating via an API** (REST, GraphQL, JSON)
- **Turning a website into a progressive web app** (offline mode, notifications, full screen, hardware access)
- **Building a serverless backend with microservices** (AWS Lambda, Docker)
- **Describe infrastructure as code and automate the delivery process** (TerraForm, AWS CloudFormation, Jenkins)

Find more details about the Coding Summer School and how to apply on the VI website and on GitHub:

<https://www.virtual-identity.com/events/summer-school>

<https://github.com/virtualidentityag/summerschool2018>

**Virtual Identity** is a digital service design company. Since 1995 we help our customers to utilize innovative digital technologies. Today we are 200 digital experts. Working in offices in Freiburg, Munich, Vienna and Porto.

