

## Experience

### Microsoft

Software Engineer Intern at the Identity team of Skype

Prague, Czech Republic

Oct. 16 – Dec. 16

- collected requirements and built a telemetry library that is used by different services across Skype
- contributed to a new token service and took responsibility for getting the new service into production

### enCourage Labs

Co-Founder and Software Developer

Karlsruhe, Germany

Oct. 14 – Oct. 17

- took responsibility for developing the enCourage and Schluesselprofis app described under *Projects*
- gained hands-on experience in the areas of project and product management as well as marketing
- gave interviews to different major German news outlets (Die Welt, WiWo, Süddeutsche, RTL II, SWR3 and more)

## Education

### Stanford University Global Alliance for [Re-]Design (SUGAR)

Design thinking project in an international team for BASF with workshops at Stanford University

Karlsruhe, Germany

Oct. 17 – Present

### Karlsruhe Institute of Technology

M.Sc. Computer Science: interests in machine learning and design thinking

Karlsruhe, Germany

Oct. 17 – summer 19

### Lancaster University

Bachelor thesis: developed novel notification user interactions based on gaze data

Lancaster, United Kingdom

Apr. 17 – Aug. 17

### Karlsruhe Institute of Technology

B.Sc. Computer Science: interests in ubiquitous computing, software design, and finance

Karlsruhe, Germany

Oct. 13 – Sep. 17

## Projects

### enCourage-now.com

- during emergencies, this app does not only notify friends and family members but everyone nearby
- took responsibility for the Xamarin cross-platform application with a strong focus on a great user experience

### schluesselprofis.de

- customers that have locked themselves out can request the closest locksmith nearby using a responsive website
- gathered requirements and implemented the locksmith's app which is used to manage orders

### Other projects

- *Gaze Point Heat Map*: Python-based CLI to plot gaze point heat maps from CSV → [git.io/vdhkA](https://git.io/vdhkA)
- *Radar Graph*: iOS graph rendering API to render radar graphs from custom data inputs → [git.io/vdhkj](https://git.io/vdhkj)
- *Dweet Sharp*: .NET library for the dweet.io API which is a messaging platform for the IoT → [git.io/vdhkD](https://git.io/vdhkD)
- *The 9999 Game*: simple iOS platform jumping game → [goo.gl/9jtqQE](https://goo.gl/9jtqQE)
- *Zombie Drift*: web-based game which allows you to use your mobile phone as a controller → [goo.gl/Tsj0sD](https://goo.gl/Tsj0sD)

## Awards

### Microsoft Imagine Cup

- overall winner Germany and participated in the finals at the Microsoft HQ in Seattle with the enCourage Project

### Hackathons

- participated 20 hackathons in different countries (USA, UK, Germany, Switzerland, Czech Republic)
- won five first and two second prizes, was invited as a judge once and organized a hackathon with 80 participants

## Skills

- **Computer Science**: mobile development, software and user experience design, human-computer interaction
- **Programming**: strong skills in Java and C#, small project experience in Python, JavaScript, HTML, and CSS
- **Business**: design thinking, rapid prototype definition and execution, storytelling, presenting
- **Languages**: English (fluent), German (fluent), French (basics), Chinese (beginner)

## Voluntary Work

- **Xamarin Student Partner**: evangelist for Xamarin, became certified developer, gave talk to 100 attendees
- **HackerStolz e.V.**: promote digital culture and communicate IT knowledge by organizing various tech events