

ALEX KING

Mobile: +49 1520 2136662 | **E-Mail:** kingalexj42@gmail.com

Address: Rotkreuzstraße 39, 85354 Freising

Date of birth: 06.11.1993 | **Nationality:** British

Languages: Fluent English, Intermediate German

Github: <https://github.com/ajking42>



SKILLS

Languages: Java, Python, JavaScript, TypeScript, HTML, CSS, XML, SQL, R

Technologies: Flask, Android, Tensorflow, Angular, GIT, Espresso

PROJECTS

Raspberry Pi Smart Surveillance System (Python, Tensorflow, Flask)

Ongoing

- Uses an object-detecting CNN to continuously monitor an area for desired object categories (Person, Car, etc.), and then saves images of these objects to disk.
- Concurrently runs Flask server to communicate with an Android client
- Gained experience in designing and building a large project from scratch
- Gained a new understanding and appreciation for test-driven development and scalable code

Android Client for Pi Surveillance System (Android, XML, OkHttp, Espresso)

Ongoing

- View a surveillance feed in real-time
- Access and view files stored on Pi system
- Gained strong experience in Android Studio and automated UI testing

EDUCATION

MSc. Computer Science | University of East Anglia | Norwich, England

09/19 – 10/20

- Grade: Distinction
- Core Modules: Application Programming, Data Science, Internet and Multimedia, Computer Vision

BSc. Conservation Biology | University of Plymouth | Plymouth, England

09/16 – 09/19

- Grade: First Class Honours
- Involved many group-based field projects, giving me strong experience of working in a team in stressful situations

WORK EXPERIENCE

Research Assistant Intern | The Technical University of Munich | Freising, Germany *06/17 - 07/17*

- Research Assistant for the “Ackerwildkräuter für Bayerns Kulturlandschaft” Conservation Project
- Engaged with the public to encourage potential participants

Volunteer and Volunteer Coordinator | Moor Trees | Plymouth, England

09/16 - 07/19

- Coordinated and managed volunteer groups for woodland restoration
- Awarded “Green Team Volunteer of the Year 2019” by Plymouth University Student Union
- Gained valuable team leadership and organisational skills

Work and Travel | Australia, New Zealand, and South-East Asia

01/13 - 08/15

- Bartending | Hospitality | Fruit Picking | Farm Hand
- Adapted to a wide variety of quickly changing situations, giving me confidence in my ability to learn and manage new problems