

# BECKY PROPERGATE

+41 555 55 55 | [becky@propergation.com](mailto:becky@propergation.com) | Bahnhofstrasse 20, CH-8000 Zurich  
8 June 1995 | Swiss | [linkedin.com/in](https://www.linkedin.com/in/beckypropergate/)

## EDUCATION

### Swiss Federal Institute of Technology (ETH) Zurich

#### MSc. Data Science

- Focus: Artificial neural networks
- Semester project: Random artificial neural network forest. Used Python (scikit-learn, TensorFlow).
- Master thesis: Generative adversarial models to generate new movie villains. Used Python (PyTorch, scikit-learn).

### Technical University of Munich (TUM)

#### BSc. Robotics

- Focus: computational robotics
- Bachelor thesis: Biosensor for the detection of spoiled meat.

## WORK EXPERIENCE

### Sun Microsystems

#### Data science intern

- Implemented 10 new ensemble methods for the companies something-something scikit-learn.
- Contributed to setting up a new testing suite for the data-science libraries.

### VisioPex

#### Software-development intern

- Implemented a new deployment system using Jenkins.
- Won a competition for the best un-intentionally obfuscated code.

## EXTRACURRICULAR ACTIVITIES

### President of the trombone band

Setting up rehearsals, planning concerts, managing complaints about noise

## IT/PROGRAMMING SKILLS

| Field     | Technology                        | Framework                         | Level      |
|-----------|-----------------------------------|-----------------------------------|------------|
| Analytics | Python                            | Scikit-learn, PyTorch, TensorFlow | advanced   |
|           | R                                 | lme4, R shiny, readr              | proficient |
| Databases | Relational                        | PostgreSQL, MySQL, HBase          | proficient |
|           | NoSQL                             | MongoDB, HDFS                     | basic      |
| Software  | VS code, Vim, MS Office, Adobe CS |                                   |            |

## LANGUAGES

German: Mother tongue

English: Fluent (Cambridge Advanced Certificate)