

BECKY PROPERGATE

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EDUCATION

- 09/2016 **Swiss Federal Institute of Technology (ETH) Zurich**
- 08/2019 **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).
- 09/2011 **Technical University of Munich (TUM)**
- 08/2015 **BSc. Robotics**
- **Focus:** computational robotics
 - **Bachelor thesis:** Biosensor for the detection of spoiled meat.

WORK EXPERIENCE

- 09/2019 **Sun Microsystems**
- 12/2019 **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.
- 05/2017 **VisioPex**
- 06/2018 **Software-development intern**
- Implemented a new deployment system using Jenkins.
 - Won a competition for the best un-intentionally obfuscated code.

EXTRACURRICULAR ACTIVITIES

- 02/2015 **President of the trombone band**
- 05/2015 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)