

# Jan Szwagierczak

## Curriculum Vitæ

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### Education

- 2016–... **IT & Cognition**, (Master's degree course), Copenhagen University.
- 2013–2016 **Cognitive Science**, (Bachelor's degree course), Jagiellonian University, Cracow.  
BSc thesis: *Incoherence elimination as belief update* (formal epistemology; probabilistic representation of beliefs). Excellent reviews.
- 2009–2013 **Computational Mathematics**, (Bachelor's degree course) Jagiellonian University, Cracow.

### Experience

- 2017–... **CTO**, *Augmento*, Copenhagen, Data science. Managing a multinational technical team of experts, freelancers and interns. Tech projects planning and management.
- 2016–2017 **Data scientist**, *Augmento*, Copenhagen, User-generated text data collection and analysis, natural language processing, building predictive models, data viz, managing AWS services.
- 2014–2018 **Several university projects**, Jagiellonian University, University of Copenhagen, including: Google Cardboard augmented vision application, affective computing project, artificial moral agent simulation, eye-tracking cognitive science study.
- 2011–2016 **Designer, developer and webmaster**, *JES - Jakość Energia Starachowice Association* (local NGO), Creating websites and promotional materials, web sites administration, etc.
- 2007–2016 **Freelance web designer and web developer**, Creating websites and web applications.

### Knowledge & Skills

- General **Python, Java, C/C++**, other languages. Understanding of **computer science** problems and methods. Competent **Linux** user, basics of shell scripting and sysadmining. Git. LaTeX.
- Web Long experience in building websites with **HTML & CSS**, Sass/Less, **Wordpress**. Some knowledge of **Javascript**, JQuery, AngularJS. Skills in **data visualization** using matplotlib, D3.js, vector graphics. **Web design**, experience with Adobe CS, rudiments of UX. Web typography. **Extraordinarily good taste**.
- Data Theoretical & practical knowledge of **statistics, machine learning**, neural networks, **data analysis**. **Python** libs including pandas, numpy, spacy, nltk, gensim, sklearn, tensorflow, matplotlib. **R**.
- Other **Cognitive science**. Academic level knowledge of **mathematics** and **formal logic**. Basics of artificial intelligence methods and game development.
- Languages **Polish** (native), **English** (fluent), German (basic).

### Interests

- Artificial Intelligence (learning, cognition); ML & Data mining;
- Philosophy (formal epistemology, logic, philosophy of science);
- Classical literature; Typography; Music; Animals' cognition and behaviour.