

Jeremy Zehr

DATA SCIENTIST

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Education

Institut Jean Nicod, ENS

PHD IN LINGUISTICS

Paris, France

December 2014

- **European Summer School in Logic, Language and Information**, Düsseldorf, Germany & Opole, Poland — 2013 & 2012
- **University of California**, Los Angeles, USA — *Quarter Abroad Spring 2012*

Skills

Languages Python, JavaScript (+HTML&Css), Ruby, SQL, R, PHP, Dart, Perl (notions), C# (notions)
Frameworks Flask, SQLAlchemy, Rails, Svelte, Docker, AWS, Amplify, Flutter

Experience

Linguistic Research Infrastructure, University of Zurich

DATA SCIENTIST

Zurich, Switzerland

2023 - Present

- Backend & Frontend work on a web platform to query corpora
- Implemented linguistic experiments on a javascript-based mobile application
- Worked on a tool to convert corpora across various formats (ConLLU, VERT, TEI, ...)
- Developed tools to automatically collect linguistic data from web pages

Linguistic Data Consortium, University of Pennsylvania

APPLICATION DEVELOPER

Philadelphia, PA

2020 - 2022

- Designed a mobile (flutter) app to record audio interviews and automatically send them to distant storage space
- Designed a Javascript module to augment web pages with step-by-step guides highlighting target elements
- Implemented pipelines to transfer and normalize audio & video data collected by collaborators
- Implemented a private, LDC-specific instance of the PCIBex Farm [↗](#)
- Co-conducted a workshop on data collection and transcription with LDC tools at LREC 2022
- Supervised new recruits

University of Pennsylvania

POST-DOCTORAL FELLOW

Philadelphia, PA

2015 - 2020

- Experimental research in Linguistics
- Development, support and tutorials for the PENNCONTROLLER solution for online experiment design [↗](#)

Institut Jean Nicod, ENS

PHD STUDENT

Paris, France

2012 - 2014

- Theoretical & experimental research in Linguistics

Personal Projects

PennController for IBEX

2018 - PRESENT

- Solution for online experiment designs: Mini-language for experiment designers (JavaScript framework)
- Documentation and support (forums, emails, ...)
- Portal for hosting and developing experiments (Ruby on Rails deployed on AWS)

<https://doc.pcibex.net/>
<https://farm.pcibex.net/>

Adventure Game Studio

2008 - 2015

- Developed several modules (C#-like language) Regular Expressions [↗](#), PDF parser [↗](#), platform game engine [↗](#) (French)
- Technical support and translation of the documentation from English to French [↗](#)

Languages

French	Native	Romanian	Notions
English	Fluent	Japanese	Notions
Spanish	Conversational	German	Learning

Academic portfolio

Publications in peer-reviewed journals

2018 - 2021

- Wright, J., Parker, R., **Zehr, Jérémy**, Ryant, N., Liberman, M., Cieri, C., and Fiumara, J. (2021). High quality recordings and transcriptions of speech via remote platforms. *The Journal of the Acoustical Society of America*, 150. Online publication 2021
- Mandelkern, M., **Zehr, Jérémy**, Romoli, J., and Schwarz, F. (2019). We discovered that projection in conjunction is asymmetric (and it is!). *Linguistics and Philosophy* 2019
- Siegel, M., **Zehr, Jérémy**, Bacovcin, H. A., Schofield Steuerle, L., and Schwarz, F. (2018). The verbatim access effect: Implicature in experimental context. *Language and Cognition*, 10:595–625 2018
- Bacovcin, H. A., **Zehr, Jérémy**, and Schwarz, F. (2018). To accommodate or to ignore?: The presuppositions of again and continue across contexts. *Glossa*, 3(1) 2018

Book chapters

2018 - 2021

- Schwarz, F. and **Zehr, Jérémy** (2021). Pragmatics and the lexicon. In Gleitman, L., Papafragou, A., and Trueswell, J., editors, *Handbook of the Mental Lexicon*. Oxford University Press 2021
- Égré, P. and **Zehr, Jérémy** (2018). Are gaps preferred to gluts? a closer look at borderline contradictions, gaps and gluts. In Castroviejo, E., McNally, L., and Weidman Sassoon, G., editors, *The Semantics of Gradability, Vagueness, and Scale Structure: Experimental Perspectives*, LCaM, pages 25–58. Springer International Publishing 2018
- Tieu, L., Bill, C., **Zehr, Jérémy**, Romoli, J., and Schwarz, F. (2018). Developmental insights into vagueness, presupposition, and scalar implicatures. In Syrett, K. and Arunachalam, S., editors, *Semantics in Acquisition*, volume 24 of *Trends in Language Acquisition Research (TILAR)*, pages 302–324. John Benjamins 2018

Peer-reviewed conference proceedings

2013 - 2019

- Chanchaochoi, N. and **Zehr, Jérémy** (in editing). On the ambidirectionality of thai mid-scale predicates: How to get more ‘warm’ by getting less ‘hot’. In *Proceedings of SALT 29* 2019
- **Zehr, Jérémy** and Schwarz, F. (2018). Returning to non-entailed presuppositions again. In *Proceedings of Sinn und Bedeutung 22* 2018
- Creemers, A., **Zehr, Jérémy**, and Schwarz, F. (2018). Interpreting presuppositions in the scope of quantifiers: *every* vs. *at least one*. In *Proceedings of Sinn und Bedeutung 22* 2018
- Hirsch, A., **Zehr, Jérémy**, and Schwarz, F. (2017). Presupposition projection from disjunction in online processing. *Proceedings of Sinn und Bedeutung 21* 2017
- Djärv, K., **Zehr, Jérémy**, and Schwarz, F. (2017). Cognitive vs. emotive factives: An experimental differentiation. *Proceedings of Sinn und Bedeutung 21* 2017
- **Zehr, Jérémy**, Hirsch, A., Bacovcin, H. A., and Schwarz, F. (2017). Priming local accommodation of hard triggers in disjunction. *Proceedings of NELS 47*, 3:285–298 2017
- **Zehr, Jérémy**, Bill, C., Tieu, L., Romoli, J., and Schwarz, F. (2016). Presupposition projection from the scope of ‘none’: universal, existential, or both? *Proceedings of SALT 26*, pages 754–774 2016
- **Zehr, Jérémy** and Schwarz, F. (2016). Entailed vs. non-entailed presuppositions - an experimental assessment. *Proceedings of NELS 46*, 3:319–328 2016
- **Zehr, Jérémy**, Bill, C., Tieu, L., Romoli, J., and Schwarz, F. (2015). Experimental evidence for existential presupposition projection from ‘none’. *Pre-proceedings of the 20th Amsterdam Colloquium* 2015
- Zehr, J. (2013). St5: A 5-valued logic for truth-value judgments involving vagueness and presuppositions. *Proceedings of ESSLLI 2013 Student Session* 2013

Reviewer

2015 - 2022

- **Glossa Psycholinguistics** (2021); **Journal of Semantics** (2022, 2021); **Semantics and Pragmatics** (2021, 2019); **Mind & Language** (2020); **Glossa** (2018); **Linguistics and Philosophy** (2015) Journals
- **North East Linguistic Society** (2022–2019, 2016, 2017); **CUNY** (2018); **Experiments in Linguistic Meaning** (2022); **Penn Linguistics Conference** (2021) Conferences

Teaching

2011 - 2022

- **Workshops** on PennController (co-led w/ Florian Schwarz) at conferences: X-PPL 2023 (UZH), CogSci 2021 (virtual), ACL 15 (U of Arizona—virtual) and Linguistic Society of America Summer Institute (UC Davis); invited at universities: Rutgers, Massachusetts & Maryland. 2018-2023
- **Tutorial** on the LDC’s web-based transcription tool (co-led with Jonathan Wright) at LREC 2022 conference (Marseille). 2022
- **Guest lecture** “Experimental approaches to the study of language.” Pr. Gareth Roberts. Dept of Linguistics, U of Pennsylvania. Fall 2017
- **Guest lecture** “Semantics.” Pr. Florian Schwarz. Dept of Linguistics, U of Pennsylvania. Spring 2017
- **Guest lecture** “Experimental methods for linguists.” Pr. Gareth Roberts. Dept of Linguistics, U of Pennsylvania. Fall 2015
- **Teaching assistant** “Introduction to Linguistics” Prs. Benjamin Spector & Vincent Homer. IEC, ENS Paris. Falls 2012-2013-2014
- **Teaching assistant** “Advanced Syntax.” Pr. Vincent Homer. Institut d’Étude de la Cognition, ENS Paris. Springs 2013-2014
- **Lecturer** “Introduction to Semantics.” Dept of Linguistics, U of Nantes. Fall 2013
- **Teaching assistant** for the class “Morpho-Syntax.” Pr. Nicolas Guillot. Dept of Linguistics, U of Nantes. Fall 2012
- **Lecturer** “The Language Capacity.” Dept of Philosophy, U of Nantes. Spring 2012