

# CURRICULUM VITAE - ERIN PACQUETET

Data Scientist - SCIAM  
erin.pacquetet@sciam.fr

## EDUCATION

Last updated 2026-01-16

<b>Ph.D. in Linguistics</b> University at Buffalo <b>Dissertation:</b> The effect of linguistic properties on typing behaviors and production processes (Committee: Jean-Pierre Koenig, Rui Chaves, Cassandra Jacobs, Christian DiCanio)	2024
<b>M.S in Computational Linguistics</b> University at Buffalo <b>M.S. Project:</b> Processing keystroke data for linguistic analysis	2021
<b>M.A. in English Linguistics</b> Université Paris Diderot Phonetics and Phonology minor <i>1 year Academic Exchange at the University of Arizona</i> <b>M.A. Thesis:</b> Investigating the Hierarchy of Constituency Through Keystroke Log (Committee: Nicolas Ballier, Benoît Crabbé)	2018
<b>B.A. in Anglophone Studies</b> Université Paris Diderot <i>1 semester Academic Exchange at the University of Nottingham</i>	2016

## PUBLICATIONS

### Research papers:

Proto: A Neural Cocktail for Generating Appealing Conversations - Saha, Das, Soper, **Pacquetet**, Srihari  
*In 4th Proceedings of the Alexa Prize*

### Conference Proceedings:

Predicting CEFR levels for learners of English with keylogging metrics, an exploratory study  
- Al Sawar, **Pacquetet**, Mallart, Simpkin, Ballier  
*CORIA-TALN-RJCRI-RECITAL 2025*

Logging Keystrokes in Writing by English Learners - Velentzas, Caines, Borgo, **Pacquetet**, Hamilton, Arnold, Nicholls, Buttery, Gaillat, Yannakoudakis, Ballier  
*LREC-COLING 2024*

Let's Chat: Understanding User Expectations in Socialbot Interactions - Soper, **Pacquetet**, Saha, Das, Srihari  
*Proceedings of the Second Workshop on Bridging Human-Computer Interaction and Natural Language Processing*

Prototype de feedback visuel des productions écrites d'apprenants francophones de l'anglais sous Moodle (*Visual feedback prototype for English learner's written productions on Moodle*)  
- Ballier, Gaillat, **Pacquetet**  
*EIAH 2019*

PRESENTATIONS & POSTERS

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**Invited talks:**

- Gender bias in Mimi encoding - **Pacquetet**, Saloev 2025  
*Speech and text LLMs revisited: under the hood investigation of multilingual models workshop - December, Paris - France*
- Pre-processing keystroke logs for linguistic analysis - **Pacquetet** 2023  
*Deep Learning for Language Assessment Closing Workshop - November, Paris - France*

**Refereed by Abstract:**

- Predicting CEFR levels for learners of English with keylogging metrics, an exploratory study- 2025  
Al Sawar, **Pacquetet**, Mallart, Simpkin, Ballier  
*CORIA-TALN 2025, DynTAL Workshop - June, Marseille -France*
- Logging Keystrokes in Writing by English Learners - Velentzas, Caines, Borgo, **Pacquetet**, 2024  
Hamilton, Arnold, Nicholls, Buttery, Gaillat, Yannakoudakis, Ballier  
*LREC-COLING 2024 - May, Torino - Italy*
- Let's Chat: Understanding User Expectations in Socialbot Interactions - Soper, **Pacquetet**, 2022  
Saha, Das, Srihari  
*HCI+NLP 2022- July, Seattle, WA - USA*
- Using keystroke logs to analyze CMC - **Pacquetet** 2021  
*CMC-Corpora 2021 - October, Nijmegen - Netherlands*
- Prototype de feedback visuel des productions écrites d'apprenants francophones de l'anglais sous MOODLE - Ballier, Gaillat, **Pacquetet** 2019  
*EIAH 2019 EdTech Forum - June , Paris - France*
- Investigating Keylogs as Time-Stamped Graphemes - Ballier, **Pacquetet**, Arnold 2018  
*Grafematik June, Brest - France*

**Other academic presentations:**

- Investigating typing bursts as a linguistic unit - **Pacquetet** 2019  
*Qualifying Paper Presentation - December, Buffalo NY - USA*
- French Multi-word expression and their structural differences in treebanks - **Pacquetet** 2019  
*CSE Departmental Demo Day - May, Buffalo NY - USA*
- Annotation of Multi-word expression in the French Treebank - **Pacquetet** 2018  
*CSE Departmental Demo Day - December, Buffalo NY - USA*

**Outreach:**

- Fiabilité dans l'ère de l'IA générative : le RAG pour gérer les hallucinations - **Pacquetet**, Jara 2025  
*Meet-up Dev, April, Paris - France*

## GRANTS AND AWARDS

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<b>Mark Diamond Research Fund Grant \$1995</b>	2022
<b>Graduate student research funding \$399</b>	2022
Dept. of Linguistics, University at Buffalo.	
<b>3rd place of Alexa Prize Socialbot Grand Challenge 4 \$50,000</b>	2021
PROTO team, Amazon	
<b>Alexa Prize Team Research Grant \$250,000</b>	2020
PROTO team, Alexa Prize Socialbot Grand Challenge 4, Amazon	
<b>Linguistics Fellowship Award</b>	2018 - 2019
Dept. of Linguistics, University at Buffalo.	
<b>Merit-based Five-Year Full Tuition Scholarship</b>	2018 - 2023
Dept. of Linguistics, University at Buffalo.	
<b>Erasmus+ Scholarship</b>	2016

## COURSES TAUGHT

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### Instructor of record in Linguistics:

**Roots of English** Spring 2020 - University at Buffalo

### Teaching Assistant in Linguistics:

<b>Languages of the World</b>	Spring and Fall 2023 - University at Buffalo
<b>Language, Society, and the Individual</b>	Fall 2022 - University at Buffalo
<b>Roots of English</b>	Fall 2019 - University at Buffalo
<b>Language in Pluralistic America</b>	Spring 2019 - University at Buffalo
<b>Introduction to Linguistic Analysis</b>	Fall 2018 - University at Buffalo

### Instructor of record in French:

**French 102 (2 sections)** Spring 2018 - University of Arizona  
**French 201 (2 sections)** Fall 2017 - University of Arizona

### Other relevant experiences:

**ESL summer camp resource counselor** 2016 & 2017

## SKILLS

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<b>Programming Languages</b>	Python, R, Perl, Javascript
<b>Libraries</b>	NLTK, CoreNLP, SpaCy, scikit-learn, Transformer models Keras, TensorFlow, Pytorch, Pandas, Numpy
<b>Data Management and Visualization</b>	SQL, Tableau, Power BI, Matplotlib, ggplot2, Powerpoint
<b>Web Development</b>	HTML, CSS, JavaScript
<b>Tools</b>	Jupyter Notebooks, Visual Studio, LaTeX, Git, GitHub
<b>Human Languages</b>	French (Native), English (Bilingual), German (B1)

## ACADEMIC AND ADMINISTRATIVE SERVICE

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<b>Chief Excellence Officer</b> - Graduate Linguistics Association, University at Buffalo	2022-2023
<b>Member</b> - Colloquium Committee, University at Buffalo	2022-2023
<b>Member</b> - Departmental Space & Resources Committee, University at Buffalo	2021-2023
<b>Coordinator</b> - Syntax and Semantics research group, University at Buffalo	2021-2023
<b>Listserv manager</b> - Graduate student listserv managing, University at Buffalo	2021-2023
<b>Member</b> - Departmental Diversity Committee, University at Buffalo	2020-2023
<b>Co-author</b> - “Addressing Institutional Racism in UB Linguistics” document	2020
<b>Volunteer</b> - Grievance committee graduate student volunteer, University at Buffalo	2020
<b>Reviewer</b> - Mark Diamond Research Fund (MDRF) grant review	2020
<b>Webmaster</b> - Graduate Linguistics Association, University at Buffalo	2019-2022
<b>Chief Excellence Officer</b> - Graduate Linguistics Association, University at Buffalo	2018-2019
<b>Volunteer</b> - Research Seminar: <i>Disorder : Histoire sociale des mouvements punk/post-punk</i>	2015