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| Grant M Berry, PhDLinguist. Researcher. problem solver. Stress Baker. | | | | | | | | | | | | | | | | | |
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|  | **Smart Phone with solid fill** |  | +1 (857) 762-4887  +1 (314) 827-4237 |  | **Send with solid fill** |  | berry.grant@gmail.com  grant.berry@villanova.edu |  | **Marker with solid fill** |  | 2740 Latona Street Philadelphia, PA 19146 | | |  | **World with solid fill** |  | grantberry.info  luv-lab.info |
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| Experience | | | | | | | | | | | |  |  | | | | | |
| Education | | | | | |
| 2020-Present  **Assistant Professor, Cognitive Science | *Villanova U***   * Design and teach linguistics, cognitive science, AI, and Spanish courses. * Direct Language Use and Variation Lab, which researches adaptation to language variation and builds computational models of language structure * Mentor undergraduates in research and professional development.   2021-2022  **Applied Scientist, Amazon | *Localization Tech***   * Reviewed data quality program for video subtitle localization * Collaborated with international colleagues to develop proprietary human-in-the-loop localization software with verbosity and style customization * Published collaborative paper at COLING 2022   2019-2020  **Technical Program Mgr., Amazon | *Applied Modeling & Data Science***   * Created and managed a data quality program at scale to support sourcing language data and building large-scale language models and natural language understanding systems * Created and monitored data quality alarms to support data collection * Presented weekly quality report to executives and stakeholders   2018-2019  **Language Engineer, Amazon | Alexa *Household Organization***   * Created ontologies and phrase maps for developing new features for home and personal use cases (e.g., timers, reminders, recipes) * Developed and deployed deterministic and probabilistic NLU artifacts using git and virtual machines to production environments * Trained junior teammates and composed onboarding runbooks | | | | | | | | | | | |  | **2018** PhD Language Science  **2014** MA Spanish Linguistics  **2010** BS Mathematics  **2010** BA Spanish  **Visiting Scholarship**  **2024** Radboud U  **2017** U of Pennsylvania  **2015** Max Planck Institute  **2015** Linguistic Society Institute  **Selected Awards**  **2023** Research Catalyst ($35k)  **2018** Ray Lombra Award  **2017** NSF Grant ($18k)  **2011** Fulbright ETA Grant Skills **Data Science**: Data visualization, Data wrangling; Virtual machines; CLIs and APIs; Version tracking; Bayesian statistics; Time series analysis  **Language Science**: LLMs, Generative AI, Prompt Creation, ASR; Language variation and ambiguity; Multilingualism; Speech acoustics; Localization  **Management**: Effort scoping; KPI creation/monitoring; Agile; Scrum; Crisp technical writing Languages/Packages - Fluent in **English** and **Spanish**  - **Python 3.x**: scikit-learn, pytorch, pandas, nltk, seaborn, librosa, langchain, huggingface, jupyter  - **R**: tidyverse, rstanarm, lme4, mgcv  - **SQL**: Intermediate  - **Bash/Z-shell**: Intermediate  - **CSS:** Elementary | | | | | |
| Media | | | | | | | | | | | |
| Gotta have *rizz* to *slay*: Oxford’s Word of the Year | *KYW News Radio*  Alexa, how do you work? | *Villanova Magazine*  AI & Bias: Who’s to blame? | *Villanova Widger School of Law*  Does Elmo have a Philly Accent? | *Philadelphia Magazine* | | | | | | | | | | | |
| Selected Publications (\*denotes undergraduate co-author) | | | | | | | | | | | |
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