

Brody T. Dingel

Graduate Student in Computational Linguistics

 Iowa State University

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Professional Summary

Passionate applied linguist, software developer, entrepreneur, and instructor of Spanish and Computational Linguistics with 5 years of research experience, 4 years of building NLP tools, and near-native Spanish fluency.

Work Experience

- 2018 – Present **Chief Operating Officer**, Smart Language Systems, LLC
 - ▶ Manage all marketing operations of Linguatorium Project Association
 - ▶ Work with lead software engineer for development, testing, and quality assurance
- 2018 – Present **Instructor of Spanish and Computational Linguistics**, Iowa State University
 - ▶ Elementary Spanish – SPAN 101
 - ▶ Computers and Language – LING 120
- 2015 – 2018 **Senior Research Assistant**, ISU Department of English
 - ▶ Oversaw data collection using eye-tracking and keystroke-logging technology
 - ▶ Evaluated system performance for accuracy of NLP techniques
 - ▶ Presented eye-tracking technology at a professional conference

Relevant Projects

Online computer-assisted language learning tool | 2018

- ▶ Developed tool to assist Taiwanese students with learning English
- ▶ Carried out pilot study of tool with 20 students

Automated writing evaluation tool | 2015-2018

- ▶ Revised rule-based prolog scripts to detect language errors
- ▶ Collected data using concurrent eye-tracking and keystroke logging

Personal weather app | 2019

- ▶ Warns me daily of impending inclement weather via SMTP

Spanish text difficulty analyzer | 2018

- ▶ Utilized the Universal Treebank API to parse and tag Spanish texts
- ▶ Analyzed output to determine adequacy of texts for Spanish classroom

Movie sentiment classifier | 2018

- ▶ Classified movie reviews by sentiment and tested (4) different models

Technical Skills

- ● ● ● ● ● Python
- ● ● ● ● ● Javascript
- ● ● ● ● ● HTML
- ● ● ● ● ● CSS
- ● ● ● ● ● R
- ● ● ● ● ● SQL
- ● ● ● ● ● Perl

Language Skills

- ● ● ● ● ● English
- ● ● ● ● ● Spanish
- ● ● ● ● ● Portuguese

Education

Master of Arts, Applied Linguistics – Computational emphasis
Cum. GPA: 4.00

Expected Graduation – May 2020

Bachelor of Arts, Linguistics

Iowa State University, May 2018

Bachelor of Arts, World Languages and Cultures (Spanish)
Cum. GPA: 4.00