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Brody T. Dingel

Graduate Student in Computational Linguistics

Iowa State University



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

Technical Skills

**Online computer-assisted language learning tool** | 2018

Python

Javascript

HTML

CSS

R

SQL

Perl

English

Spanish

Portuguese

* + 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

Language Skills

* + 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

Education

**Master of Arts**, Applied Linguistics – Computational emphasis Expected Graduation – May 2020

Cum. GPA: 4.00

**Bachelor of Arts**, Linguistics  Iowa State University, May 2018

**Bachelor of Arts**, World Languages and Cultures (Spanish)

Cum. GPA: 4.00