

Jessica Dohmann

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WORK EXPERIENCE

Linguistics R&D Intern
Business Laboratory LLC

June 2016-

- Business Laboratory uses scientific methods and tools to help companies grapple with complex decisions and issues via modeling and simulation; currently working to help integrate the natural language capabilities of Amazon Echo with large queryable data networks.

Wolfram Student Ambassador
The University of Texas at Austin

June 2015-

- Teach people, primarily students, on how to implement Wolfram technology in creative and innovative ways; host meetups and workshops to promote Wolfram tech and how to utilize it across multiple fields of study; collaborate on coding projects and articles with fellow student ambassadors; Utilize social media sites to spread awareness and excitement about upcoming events involving Wolfram.

K-12 STEM Tutor, Austin Learning Center
Austin Learning Center, Austin TX

Fall 2014-

- Worked with students of all ages, predominantly at high school level in math, physics and chemistry; explained complex concepts using non-technical vocabulary; developed comprehensive and individualized study plans per student; communicated with parents to address specific academic needs for students and to update them on student progress; provided detailed technical notes as supplementary material for educational purposes.

SKILLS

Programming: Python, Unix, L^AT_EX, Wolfram Language, VIM, SQL, Cypher
Languages: English (native), Spanish (intermediate)
Other: Data analysis, Machine learning, Technical writing

PAST PROJECTS

Directed Reading Program, Primary Researcher, lecturer
"Slivnyak's Theorem and the Boolean Model"
Department of Mathematics, The University of Texas at Austin

2016

Directed Reading Program, Primary Researcher, lecturer
"Connectivity Threshold for Erdos-Renyi Random Graphs"
Department of Mathematics, The University of Texas at Austin

2015

HackTX, Team Member
"Selfie Automaton Generator"
Major League Hacking, The University of Texas at Austin

2015

Wolfram Science Summer Program, Primary Researcher
"Probabilistic Cellular Automata and the Inverse Problem"
Wolfram Research, Boston, MA

2015