

Jesse Dohmann

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in /jldohmann

Experience

Wolfram Research

Technical Documentation Writer

May 2019 – Present

Champaign, IL

- › Developed aspects of in-product documentation and web documentation on a variety of topics including areas like calculus, cloud publishing/deployment and textual processing
- › Improved language-specific documentation on integration with other languages and processes
- › Streamlined blog pipeline processes using Wordpress REST API
- › Maintained documentation using CVS for version control

Wolfram Research

Strategic Development Specialist

Jan. 2018 – May 2019

Champaign, IL

- › Utilized Git and entrusted to migrate company strategic plans and other documents to using version control
- › Increased marketing scope by designing and creating prototype of database architecture for outreach to skilled clients based on location, industry and proficiency in company technology
- › Developed specialized notebook template to improve and streamline analyses on competitor technologies
- › Improved notebook document maintenance by creating a GUI-driven watermarking package
- › Improved understanding of competitor markets by creating a webscraping package with automated data analysis using both HTML tags and OCR
- › Piloted neural network video series comparing Wolfram neural net framework to Keras

Wolfram Research

Technical Marketing Writer

Jul. 2017 – Jan. 2018

Champaign, IL

- › Produced analysis on JunoCam space images using image processing techniques and constructed narrative blog post to describe the process
- › Produced time series analysis of Euler's number digits with matrix visualization
- › Created internal documentation about variable scoping constructs for onboarding use to Wolfram technology
- › Produced onboarding notebook document on how to use the notebook front-end for new employees

Community of Urbana-Champaign Cooperative Housing non-profit

Technology Committee Member

Sept. 2019 – Present

Urbana, IL

- › Spearheaded design improvements to organization website
- › Streamlined application process by migrating from Google Forms to a custom HTML/JavaScript form
- › Set timelines, delegated issues and organized project development within GitHub

Community of Urbana-Champaign Cooperative Housing non-profit

Financial Coordinator

Jul. 2017 – Present

Urbana, IL

- › Built automated financial analysis using Excel formulas and macros
- › Collaborated with other co-op members to establish yearly budgets
- › Spearheaded system overhaul to QuickBooks

Skills

Programming Wolfram Language, HTML, Python, JavaScript, LaTeX

Tools Git, CVS, JIRA, Axure, Excel

Misc. Data analysis, mathematical modeling, functional programming, rapid prototyping