

# Jesse Dohmann

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## Skills Summary

### Web Administration & Infrastructure

*Linux, DNS, DigitalOcean, Linode, Unbound*

- Researched and recommended new technology to stakeholders to keep optimal site performance and availability in line with organizational needs
- Used OpenSSL to generate domain and security certificates
- Implemented and operated recursive DNS server
- Installed and configured system environment files for Nginx web server and Unbound DNS
- Monitored status of and performed on-call fixes for network systems

### Web Development & Design

*HTML5, CSS3, Python, JavaScript, Git*

- Spearheaded responsive design improvements to multiple websites
- Streamlined organizational processes by migrating from Google Forms to a custom web form with data validation
- Engineered dynamic components for web apps using server-side template rendering
- Liaised with team members and stakeholders to test new website features and create new website content

### Technical Writing & Communication

*Wolfram Language, Python, HTML5, Markdown, JIRA*

- Improved documentation on integration between technologies
- Piloted neural network video series comparing Wolfram neural net framework to Keras
- Conducted requirement gathering on Wolfram HPC technology by researching and collaborating with subject matter experts

## Work Experience

### Wolfram Research, Champaign, IL

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|------------------------------------|-----------------------|
| – Software Developer               | April 2020 – PRESENT  |
| – Technical Documentation Writer   | May 2019 – April 2020 |
| – Strategic Development Specialist | Jan. 2018 – May 2019  |
| – Technical Marketing Writer       | Jul. 2017 – Jan. 2018 |

### Community of Urbana-Champaign Cooperative Housing – Technology Committee, Chairwoman

Sept. 2019 – PRESENT

### Business Laboratory LLC – Software Engineering Intern

Jun. 2016 – Jan. 2017