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Joshua Voigts

Developer
Typesetter



Work

Crossway, Wheaton, IL
Developer and Typesetter
2011–present

I currently work in publishing preparing book interiors for print as well as building and deploying ebooks. I've had the opportunity to work with our team automating production processes. I've created an XML conversion utility for converting manuscripts to ICML files for layout in InDesign, I've developed utilities in Javascript that automate parts of the book making process, and I've been working with a contract developer building a book production system for version control and ebooks using Python. I also manage part of the automation for our product order form and have worked on a number of technical reference books.

Skills

Python, Java, Ruby, and Javascript (and willingness to learn new languages)
Experience using XML and transformation libraries (LXML), specifically for IDML and OOXML
Web development and ebook creation experience (HTML, CSS, EPUB, KF8)
Knowledge of InDesign's Javascript API, I've built a number of print production utilities
Experience with parsing expression grammars (PEGs) writing parsers for reading indexes
Linux server administration skills, NGINX and Sinatra/Flask on Debian and CentOS
Design experience using InDesign, Photoshop, and Illustrator
Cursory knowledge of machine learning from Coursera's online Stanford course and personal projects
Other skills: Git, Bash, Vim, development of small Mac apps

Education

Roosevelt University, Chicago, IL
2017–2018
Information Retrieval

College of DuPage, Glen Ellyn, IL
2011–2017

Discrete Mathematics, Javascript/Advanced HTML, Introduction to Java, and Collections in Java

Taylor University, Upland, IN
2007–2011
3.5 GPA

Bachelors degree

One month teaching English in the Czech Republic

Jazz ensemble percussionist