



INDIA AMOS

Software Engineer

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SELECTED EXPERIENCE

FULLSTACK ACADEMY *New York, NY* **Teaching Fellow (2017)**

- * Mentored, debugged with, and taught concepts and best practices to a class of 28.
- * Advised a six-student learning team, meeting one-on-one and giving written code reviews.
- * Conducted 2–3 technical interviews per week for admissions; trained new interviewers.
- * Managed two student projects from ideation to deployment, acting as scrum master, code reviewer, and technical consultant.
- * Presented three lectures on algorithms for technical interview prep.

THE MUSEUM OF MODERN ART *New York, NY* **Digital Media Producer (2016–2017)**

- * Handled or routed all requests from internal departments to the Digital Media team, executing any basic Web development required (HTML, CSS, JavaScript, some Ruby).
- * Collaborated with multiple teams on cross-departmental projects.
- * Trained two producers in using the CMS, editing images, and using Git and GitHub.
- * Built two new sections of Ruby-on-Rails–driven static pages.
- * Migrated 19 years' worth of content from the Young Architects Project website into the CMS.
- * Translated two sections of *MoMA.org* from Ruby-driven HTML into Jekyll-driven pages.
- * Wrote, maintained, and organized documentation of the site's CMS and other content production tools.

AMPLIFY EDUCATION *Brooklyn, NY* **Senior Content Producer, EPUBS (2014–2015)**

- * Built or optimized more than 300 e-books from multiple sources and formats, for accessible and appealing presentation in a proprietary reading system.
- * Collaborated with developers and product owners to build and refine tools and workflows.
- * Documented e-book management, optimization, publishing, and QA processes.
- * Trained three content producers and performed regular code reviews.
- * Interviewed candidates for the entire content production team.
- * Coached 20 colleagues in HTML, CSS, EPUB construction, accessibility, and tools.
- * Performed an accessibility audit of the lesson delivery application.

F+W MEDIA *New York, NY* **eBook Developer (2012–2014)**

- * Evaluated and refactored up to 12 e-books per month, mostly illustrated instructional titles.
- * Built high-priority or highly customized e-books from start to finish.
- * Worked with conversion partners and internal teams to streamline e-book production.
- * Reduced conversion errors and QA time on outsourced e-books by creating F+W's first set of comprehensive conversion guidelines and a corresponding QA checklist.

Digital Production ePub QA Associate (2011–2012)

- * Wrote guidelines and other support documents, and provided technical support and training to internal teams.
- * Helped develop book-based applications and audio/video-enhanced e-books.
- * Researched advances in e-book technology and standards to shape improvements to existing workflows.

THE ACADEMY OF AMERICAN POETS *New York, NY* **Webmaster (1999–2001)**

- * Led *Poets.org*, then one of the largest and most popular poetry sites on the Web, through restructuring and redesign, improving organization, usability, and performance.
- * Wrote and edited content, moderated online forums, performed QA and technical support.

SKILLS & TOOLS USED

Most often CSS3 * EPUB * ESLint * Express
* Git * GitHub * HTML5 * JavaScript * Node
* PostgreSQL * React * Sass * Sequelize *
Technical Support * Technical Writing *
Training & Mentoring * Troubleshooting

Frequently Agile workflow * Jira * JSX * a11y *
Mocha * Pivotal Tracker * QA * Redux * SQL * UX
* WAI-ARIA * WCAG * Webpack

Occasionally Bootstrap * Heroku * Jasmine *
Java * Jekyll * jQuery * OAuth * PHP * Processing
* Python * Rails * Ruby * Socket.io * Wordpress

PROJECTS

- * **SlyDv**: Presentation slides for developers
Roles on four-person team: managed user stories, specified template types and application flow of editing process, built slide editing form, evangelized for linter.
slydv.tech * github.com/EvilDeds/slydv
- * **Bookalator**: Explore books using natural language processing (ongoing solo project)
youtu.be/x-5PiVkcNU * github.com/indiamos/bookalatorJS

EDUCATION

GRACE HOPPER PROGRAM @ FULLSTACK ACADEMY *New York, NY (2017)*

A 17-week immersive software engineering program for women.

- * **Be a Better Developer: Build for Accessibility** (10-minute tech talk):
<https://youtu.be/NmyKT75hm1E>

ITP, NEW YORK UNIVERSITY *New York, NY (2008–2010)*

Incomplete MPS. Main areas of inquiry: information design, interface design, programming (Java, JavaScript, PHP, Processing), and the UX of digital reading.

- * **"PAPER SMELLS NICE I READ IT IN THE TUB"** (20-minute thesis talk):
https://youtu.be/g_Y-Wg8m5MY

WILLIAMS COLLEGE

Williamstown, MA (1987–1991)

BA magna cum laude in English; minor in Women's Studies. Andrew F. Mellon Fellowship in the Humanities.