

EXPERIENCE

- Feb. 2017–
Present **Art Institute of Chicago – Chicago, IL**
Web Developer
Build a data hub to integrate data from disparate systems into a unified, searchable API. Integrate API with public-facing applications, including website, mobile app, and in-gallery experiences. Develop the museum’s main website. Maintain AWS infrastructure. Optimize performance. Write technical documentation and present at conferences.
- Nov. 2015–
Feb. 2017 **IMA Lab, Indianapolis Museum of Art – Indianapolis, IN**
Software Developer
Developed technical solutions for the IMA and the cultural sector, including websites, apps, and in-gallery interactive kiosks. Contributed to grant-funded open-source projects. Maintained numerous legacy systems for a variety of clients in the GLAM sector. Conducted outreach, training, workshops, and conference presentations.
- Aug. 2013–
Jan. 2017 **Eskenazi Museum of Art – Bloomington, IN**
Web Developer, freelance
Developed new online exhibits and in-gallery kiosks, including back-end, front-end, and design. Updated existing exhibits to be mobile-friendly, fast-loading, and secure.
- May 2014–
Jan. 2015 **National Museum of Natural History – Washington, D.C.**
Intern, Natural History Research Experiences (NHRE) Program
Conducted conservation research on fiber identification of Polynesian barkcloth (tapa). Presented findings at a symposium on tapa in Tahiti, French Polynesia. Published research in symposium compendium, evaluating identification methods.
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SKILLS

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| <i>Languages</i> | PHP, JavaScript, HTML, CSS (SCSS), Python, Ruby, Lua, Bash |
| <i>Databases</i> | Elasticsearch, Solr, Memcached, SQL (MySQL, PostgreSQL) |
| <i>Frameworks</i> | Laravel, AngularJS, Django |
| <i>Libraries</i> | Symphony, OpenSeadragon, et al. |
| <i>Content</i> | Twill, Hugo |
| <i>Tools</i> | Git, Ansible, Vagrant, VIPS, PHPUnit, Composer, Postman, Sentry |
| <i>Misc.</i> | Linux, AWS, Google Analytics, Arduino, ArcGIS, Adobe CC (Photoshop, Illustrator) |

EDUCATION

- Aug. 2015 **Indiana University – Bloomington, IN**
Bachelor of Arts in Art History and Anthropology with Honors
Honors thesis: Typological recursion and art attribution: towards automated identification of art and artifacts
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INTERESTS

Digital humanities, typology and classification, decorative arts, woodworking, and hobbyist electronics.