

# Illya Moskvina

ivmoskvina@gmail.com • [github.com/IllyaMoskvina](https://github.com/IllyaMoskvina) • [imoskvina.com](https://imoskvina.com)

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## EXPERIENCE

### Art Institute of Chicago

Senior Developer

Chicago, IL

Sept. 2021–present

- Created testing framework for API resources using PHPUnit.
- Refactored API imports to use queues and upserts, reducing import times by over 80%.
- Built subsystem that enables stakeholders to enrich API data and reconcile it with external datasets.
- Managed intern on an image recognition and deduplication project in Python.

Web Developer

Feb. 2017–Sept. 2021

- Created a data hub using Laravel and Elasticsearch, which pipelines data from internal systems into a normalized, searchable API. Integrated API with website and mobile app. Documented API, orchestrated its usage among other teams, and released it to the general public.
- Owned AWS infrastructure maintenance. Consolidated institution's AWS services into one region. Collaborated with sysadmins to secure AWS infrastructure and connect it with on-prem network.
- Created Ansible recipes for provisioning EC2 servers. Moved the team's deployment workflow from Envoy to Ansible. Implemented blue-green deployments, greatly improving site reliability.
- Launched major website redesign, built in Laravel. Developed numerous features for the museum's website, including a new digital publication platform, autosuggest, and search-by-color functionality.

### IMA Lab, Indianapolis Museum of Art

Software Developer

Indianapolis, IN

Nov. 2015–Feb. 2017

- Built a complex admin dashboard for a geolocated audio tour system using Django and AngularJS.
- Helped develop, maintain, and sunset systems for a variety of clients in the cultural sector.
- Conducted outreach, training, workshops, and conference presentations.

### Eskenazi Museum of Art, Indiana University

Web Developer, freelance

Bloomington, IN

Aug. 2013–Jan. 2017

- Developed online exhibits and in-gallery kiosks, including backend, frontend, and design.
  - Updated existing websites to be responsive, performant, and secure.
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## SKILLS

Languages	PHP, HTML, CSS (SCSS), JavaScript, Python, Ruby, Lua, Bash
Datastores	Elasticsearch, Solr, Memcached, Redis, SQL (MySQL, PostgreSQL)
Frameworks	Laravel, AngularJS, Django
Content	Twill, Hugo
Tools	Git, Ansible, Vagrant, VIPS, PHPUnit, Composer, Postman, Sentry
Misc.	Linux, AWS, Google Analytics, Arduino, OpenSeadragon, OpenRefine

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## EDUCATION

### Indiana University

Bachelor of Arts in Art History and Anthropology with Honors

Bloomington, IN

Aug. 2015

Thesis: "Typological recursion and art attribution: towards automated identification of art and artifacts"