

# Kevin McGrath

I am a Full-Stack Software developer with a background in Fine Arts; Design; Mathematics; Art and Technology.

[Github](#) | [LinkedIn](#) | [My Personal Site](#)

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**Cell:** 708-341-8763 **Email:** kpmcgra@gmail.com

**Location:** Chicago, IL.

## Technical Skills

**Languages:** Python, Java, MAX/MSP, and Javascript | **Frameworks/Libraries:** Flask, Django, Spring, Maven, and Bootstrap | **Databases:** MySQL, SQL | **Tools:** Git, VS Code, Spring Tools, Amazon Web Services | HTML, CSS, SASS.

Two full-stack development certifications from Coding Dojo in Java and Python using Spring, Maven, and Flask frameworks. Trained in MYSQL and relational databases. Spring Tool Suite for Java development.

I have a Master of Fine Arts in Sound from the School of the Art institute of Chicago. I work extensively with digital sound synthesis in the MAX/MSP programming language.

I have also studied pure mathematics and formal logic independently for over 10 years and have been a part of two independent research groups led by mathematics Phd's Lou Kauffman and Eugenia Cheng. I was recently a part of a group that helped Eugenia Cheng get feedback on her recently published book on category theory: "The Joy of Abstraction."

## Technical Projects

- [Zineverse](#) a site for independent publishers to host and share their work. Utilizes file management and file uploads for users to share images and pages, with full CRUD capability while also allowing users to connect and share with others.

- [Github Link](#)

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Python	Flask	Javascript	MySQL	HTML	CSS	Sass
Bootstrap	Nginx	Gunicorn	NPM	AWS Ec2	Restful API	

- [FashApp:](#) a group project at Coding Dojo for users to curate clothing into collections and outfits. Full CRUD capability, verifications, and file uploads.
- Collaborative project utilizing GitHub for version control and collaboration.
- AWS Ec2 deployment

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Python	Flask	MySQL	HTML	CSS	Sass
Nginx	Gunicorn	Npm	Aws Ec2	Github	Bootstrap

- [Personal Site:](#) This is my personal networking site. It is built entirely on HTML, Javascript, CSS and bootstrap. Utilizes SMTP JS to handle emails.

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Javascript	HTML	CSS	Github.io	Sass	Bootstrap
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## **Professional Experience**

*Head Preparator* | Carrie Secrist Gallery 2022-Current

- Managed all transportation, construction, packing, staffing and storage for art exhibitions, art installations, and all art related services at Carrie Secrist Gallery.
- Allocated an annual budget of 25,000.00.

*Project Manager* | Midwest Tropical Custom Water Features 2021-2022

- Designed fully custom water features with CAD software.
- On-site manager for rigging installations.
- Project management: managed purchasing tools and equipment, fabrication, and shipping for over 30 projects.
- promotional graphic design with photoshop and illustrator.

*Project Manager and Woodshop Manager* | Cadogan Tate Fine Art 2021-2022

- Built and managed the woodshop for crates and general construction. Trained personnel in art handling, safety, and building methods.
- Managed projects, conducted site visits and consultations. Handled all inventory and purchasing for the woodshop.

## **Education**

*Coding Dojo* | Full-Stack Developer Certificate 2022-2023

- Web and Software Development in Java and Python

*School of The Art Institute of Chicago* | Master of Fine Arts 2017-2019

*Illinois State University* | Bachelors of Science in Fine Arts 2006-2010