

# Jessica Y. Kim

## Full Stack Software Engineer

Mundelein, Illinois | [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

I am a software developer who enjoys creating innovative and thoughtful websites that considers the impact made on the user experience. When building projects, I use my background in chemistry to problem solve and think critically while incorporating skills from counseling/advising to approach needs for improvement with empathy and compassion. Producing meaningful work that leaves a lasting impression on others is my passion.

### SKILLS

- Programming Languages: HTML, CSS, JavaScript, Python
- Frameworks: Express, Node.js, Mongoose, React.js, Django, RESTful APIs
- Databases: MongoDB, PostgreSQL
- Tools: Git, GitHub, VS Code, Docker, Postman

### RELEVANT EXPERIENCE

#### Software Engineering Immersive | General Assembly

Remote | August 2022 – November 2022

Successfully completed 500+ hours of expert-led instruction in programming languages, frameworks, and databases for full stack applications and hands-on learning of computer science fundamentals and the industry's most in demand technologies.

Developed projects, include:

- [Sweet Tooth](#): A full-stack application built using Python, Django and PostgreSQL to perform CRUD operations [[GitHub Repository](#)]
- [Giftology](#): A group effort in building a full-stack application using Mongoose/MongoDB, Node, Express, and React [[GitHub Repository](#)]
- [Hustle ATL](#): A full-stack application built with Mongoose/MongoDB, Node and Express [[GitHub Repository](#)]
- [\[star\] WAR\[s\]](#): A browser-based game built with HTML, CSS and JavaScript [[GitHub Repository](#)]

#### Academic Advisor & Engineering Undeclared Program Coordinator | The Grainger College of Engineering

University of Illinois in Urbana-Champaign | Urbana, IL | March 2022 – July 2022

- Developed training materials for advisors and campus stakeholders regarding course selection/requirements for engineering programs and information on the newly developed Engineering Undeclared Program.
- Created and finalized content for the launch of the Engineering Undeclared website to educate prospective students/campus partners on the new program.
- Advised ~30 students per week for scheduled and walk-in appointments in the Undergraduate Programs Office to discuss policies/procedures, course planning, and requirements for transfer.

### **Pre-Engineering Academic Advisor | Division of General Studies**

University of Illinois in Urbana-Champaign | Urbana, IL | May 2021 – March 2022

- Advised pre-engineering students (~200 students per year) in a team of 2-3 advisors to provide academic guidance towards majors/careers of interest, primarily majors paths in The Grainger College of Engineering.
- Instructed a first-year experience (45-50 students) for undeclared students to cover topics on student success and campus resources.
- Facilitated an online discussion section (45-50 students) of an introductory course to engineering programs for pre-engineering students who intend on exploring and pursuing careers in engineering.
- Led a team of advisors to coordinate the Majors and Minors Fair, a campus-wide event, to provide an avenue for students to meet with advisors/faculty/representatives from departments and campus resources.
- Presented workshops (8-10 sessions per academic year) for students interested in applying to the Pre-Engineering Program for the purpose of communicating application requirements and expectations for students intending to pursue major paths in engineering.
- Managed department website to improve the user experience and ensure information was up to date.

### **Undeclared Academic Advisor | Division of General Studies**

University of Illinois in Urbana-Champaign | Urbana, IL | November 2018 – May 2021

- Advised undeclared students (~3,000 students per year) in a team of 10-12 advisors to provide academic support, refer students to resources across campus, communicate policies/procedures, and assist students in the process of exploring and declaring majors (150+ majors, minors, certificates, and campus resources).
- Instructed a first-year experience course (25-30 students per section) to present applicable resources and skills for student success.
- Co-developed and instructed the curriculum for a course supporting students on academic probation.
- Headed the Student Support Committee and executed a student survey during the COVID pandemic for the purpose of assessing student needs and implementing individualized outreach.

## **EDUCATION**

### **Software Engineering Immersive**

**General Assembly** | Remote

### **Master of Science in School Counseling**

**Eastern Illinois University** | Charleston, IL

### **Bachelor of Science in Liberal Arts and Sciences - Chemistry**

**University of Illinois in Urbana-Champaign** | Urbana, IL