

# Seong Kim

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## EDUCATION

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### NORTHWESTERN UNIVERSITY, Evanston, IL

B.S. Computer Science, September 2018 – June 2022

- GPA: 3.67/4.0

## PROFESSIONAL EXPERIENCE

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### VECTORWORKS, Columbia, MD | Software Engineer Intern

June 2021 – August 2021

- Overhauled the content translation system in Django: decreased upload times by 85%, automated task assignments/notifications, and implemented pre-production previews
- Created memory analysis tools using Python libraries (Pympler, objgraph) to diagnose and fix memory leaks on production servers.
- Developed the main accounts page of the single sign-on system using React
- Revamped the software release preparation system with MySQL and automated Slack messages

## SKILLS

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- **Proficient:** Python, JavaScript, Git, React, Redux, Django, MySQL, HTML, CSS
- **Familiar:** Docker, AWS, Jenkins, TypeScript, PostgreSQL, C#, Java, C++

## PROJECTS

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### COMMON CRAWL SEARCH ENGINE

January 2021 - March 2021

- Parsed and uploaded Common Crawl's web-scraping data to an AWS ElasticSearch index
- Implemented the backend API in Java to query the ES index
- Developed the search interface with React, including real-time results and pagination, and deployed to AWS Elastic Beanstalk with automatically scaling instances

### COOKSTAGRAM | [LINK](#)

July 2020 - September 2020

- Developed and deployed a recipe-sharing social network application where users can upload new recipes and explore ones made by others.
- Implemented the interfaces for profiles, feeds, and explore pages with React Redux
- Built backend API with Django Rest Framework for authentication and managing profiles, recipes, and relationships

## EXTRACURRICULARS

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### NU ROBOTICS | TEAM MEMBER

September 2019 - March 2020

- Wrote embedded systems software to control the Robobrawl team's combat robot

### PONO ONO POKE | LINE COOK, SERVER, CASHIER & SOBAN KOREA | SERVER, CASHIER

May 2019 - September 2019

- Served customers and answered questions to provide a comfortable dining experience

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