

Katrina Baniak

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EDUCATION

Northwestern University, Evanston, IL

June 2023

M.S. in Computer Science | B.S. in Computer Science | GPA: 3.96/4.0

SKILLS

Programming Languages: Java, JavaScript, Python, HTML/CSS, C++ and C#

Tools: React.js, Node.js, Typescript, Git, MongoDB, Firebase, GraphQL, Agile, Adobe Photoshop

WORK EXPERIENCE

Fullstack Engineering Intern

Zoom Video Communications, San Jose, CA

June 2022 – September 2022

- Built a Zoom App that integrates with the Zoom Events Networking API to pull user profile information, then display that information as a business card filter while users are in meetings.
- Developed a webpage for customization connected to a database, enabling settings to persist.
- Skills Used: JavaScript, React.js, Next.js, Typescript, MongoDB, Zoom Apps SDK, Git

Software Engineering Intern

Intuit, Mountain View, CA

June 2021 – September 2021

- Decomposed one of the Quickbooks payroll reports, which included updating the styling and shifting to the new technology stack used by all reports.
- Created new database schema, an exportable module for document creation, and UI revisions.
- Skills Used: Java, JavaScript, GraphQL, Git, Agile

Engineering Intern (Applications Development)

CNA Insurance, Chicago, IL

July 2020 – August 2020

- Collaborated as part of an Agile Development team to improve the UI design of the Appetite Application, a searchable online tool for small business insurance agents.
- Implemented a complete styling overhaul, pagination features, and filter functionality for deployment to CNA's servers for customer use.
- Skills Used: Java, JavaScript, React.js, Typescript, Git, Agile

Peer Mentor – Data Structures & Algorithms, Introduction to CS

Northwestern University, Evanston, IL

January 2021 – Present

- Held bi-weekly office hours for 100 student class to help students understand fundamental data structures and programming concepts, as well as debug programming assignments.

Student Services Aide, Industrial Engineering and Management Sciences

Northwestern University, Evanston, IL

October 2019 – Present

- Coordinated waitlist form and spreadsheet for all IEMS undergraduate courses.
- Created weekly newsletters for all undergraduates in Northwestern's IEMS Department.

PROJECTS

Humoroo (<https://github.com/kabaniak/humoroo>)

May 2022

- Implemented a webpage to generate a three-panel comic given any two concepts. By use of a word to vector model, a third related concept is generated and used in a humorous punchline.
- Skills Used: Python, Flask, React.js, Git

Fresh Stretch (<https://github.com/394-win22/Fresh-Stretch>)

March 2022

- Developed a web application to track grocery expiration dates and provide tips to prolong shelf life for a client, as a part of an Agile team.
- Skills Used: React.js, Firebase, Git

Generative Methods (<https://github.com/kabaniak/generative-methods>)

January 2021

- Created a series of projects focusing on different topics in generative methods.
- Skills Used: JavaScript, Vue, HTML/CSS, Git