

# Joshua Hoeflich

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## Experience

### Researcher, Northwestern University, June 2021 - August 2021

- Fixed bugs in TypeScript type declarations downloaded over 1,000,000 times per week
- Built development tools to detect problems with TypeScript types automatically
- International team of three

### Software Engineer I, Groundbreaker, December 2019 - August 2020

- Implemented user interface for real-estate investment management software using React and GraphQL
- Built development tools with Python and JavaScript for interfacing with Cognito and Dynamo DB on AWS
- Helped maintain serverless functions written in Go and JavaScript
- International team of 4

### Software Engineering Intern, Uptake, November 2019 - December 2019

- Collaborated with a team of five to build internal software for sales team
- Agile workflow featuring daily standups and demos
- Queried and organized data from different APIs

## Projects

### Find Chicago News, March 2021 - June 2021

- Used Node.js and puppeteer to scrape NextDoor for posts with local Chicago news
- Designed and implemented an algorithm using Racket to find the most newsworthy stories from the data automatically and display them as a webpage
- Interdisciplinary team of three

## Education

### Northwestern University, MS Computer Science (Expected December 2021)

- Coursework involved extensive project work related to programming languages, agile development, and AI
- 4.00 GPA (October 2021)

### Northwestern University, BS Secondary Education (June 2019)

- 3.98 GPA, dean's list every semester