

# JOHN SEUNGJIN OH

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## Education

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### Carnegie Mellon University

Pittsburgh, PA

*Bachelors of Science in Computer Science*

AUG 2023 - MAY 2027

- **Selected Coursework:** Fundamentals of Programming and Computer Science, Honors Matrix Theory
- **Activities:** Member of Math Club, Computer Club, Humanist League

### Concord Academy

Concord, MA

*Highschool Diploma, 3.95 GPA*

AUG 2019 - MAY 2023

- **Awards:** AIME Qualification, USACO Gold, National Merit Scholarship Semifinalist
- **Selected Coursework:** Set Theory, Topology, Machine Learning, Big Data, Graphic Design
- **Activities:** Cohead of Programming Club, Math Club, and Writing Center; Founder of Philosophy Club

## Experience

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### The Alliance of Professional Health Advocates

Cambridge, MA

*Web Developer Summer Intern*

JUN 2022 - SEP 2022

- **Created** 3 new web pages to house new information and keep main website up-to-date
- **Advised** and **guided** the owners of the recently-acquired organization in modernizing the legacy websites; **discussed** progress and plans through weekly meetings
- **Collaborated** and **communicated** with an outside marketing agency to coordinate work and responsibilities regarding website modernization and migration initiatives

### Dr. Michael Siegel's Research Team at Tufts School of Medicine

Boston, MA

*Research Assistant and Coauthor*

JUN 2022 - OCT 2022

- **Co-author** of three papers, two published in Journal of Racial and Ethnic Health Disparities (Impact Factor: 3.8), one published in Journal of the National Medical Association (IF: 2.7)
- **Sanitized** and **organized** Excel spreadsheets; **visualized** large datasets using GeoJSON

### The Centipede School Newspaper

Concord, MA

*Head Media and Development Editor*

JUN 2022 - JUN 2023

- **Maintained** the website and social media of Concord Academy's official school newspaper; **Reduced** malicious bot traffic in website by 70%, mitigating budget concerns
- **Managed** a team of 3 junior development editors and **taught** appropriate skills in WordPress, web hosting, and basic data structures/algorithms.
- **Communicated** directly with school administration about budgeting, marketing, etc.

## Personal Projects

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### Internet Rabbithole Visualization and Recommendation App (In Progress)

OCT 2023 - Current

- **Utilized** Next.js full-stack framework to build basic frontend and backend
- **Implemented** OpenAI API and Cheerio to summarize the contents of a given URL
- Future developments will include a tree-like frontend visual representation of the current "rabbithole", user authentication and login to save rabbitholes, data analysis of rabbitholes, and more

### Personal Website and Blog: [johnseungjinoh.com](https://johnseungjinoh.com)

OCT 2023 - OCT 2023

- **Learned** Next.js and Tailwind CSS, as well as several other npm libraries to build personal website and blog
- **Deployed** to production using Vercel, and implemented Vercel Analytics for web analytics purposes

## Technical Skills

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**Programming Languages/Frameworks/Tools:** C, JavaScript, Python, Java, HTML, CSS, Node.js, React, Next.js, Tailwind, Git, Tableau, Wordpress

**Spoken Languages:** English (native), Korean (native), Spanish (low conversational)

**Other:** Adobe Illustrator, Photoshop, Premiere Pro, Blender, Latex, Excel