John Seungjin Oh

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Education

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

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

Internet Rabbithole Visualization and Recommendation App (Early Development)   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   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

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