Joseph Seo

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EDUCATION

Georgia Institute of Technology | Atlanta, GA

B.S. in Computer Science

Aug.t 2023 - May 2026(Expected)

Relevant Courses: Linear Algebra, Intro to Computing, Intro to Object Oriented Programming, Discrete Mathematics, Data Structures and Algorithms, Intro to Database Systems, Objects and Design, Computer Organization and Programming

TECHNICAL SKILLS

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

Tools: Unity Game Engine, Unreal Engine, Github, Git, Next.js, React, Pandas, Google Collabs, React-Native, Django

PROFESSIONAL EXPERIENCE

WellEd Labs | Intern | Palisades Park, NJ

Jun. 2024 - Aug. 2024

- WellEd Labs is responsible for creating the "The Digital SAT", an online SAT/PSAT prep test taking site that is distributed to tutors and academies
- Developed an admin site using React and Django, creating effective data management solutions to streamline workflows and enhance data visualization, significantly accelerating development timelines.

VIP GROWER Project | Member | Atlanta, GA

Jan. 2024 - Present

- GROWER, or Grid Resilience, Weather, Outage, and Emergency Response, seeks to create robust, comprehensive, and transparent real-time power outage data measured at multiple geographic locations.
- Managed existing power outage datasets including cleaning, merging with other datasets, and standardizing for further analysis using the Google Collabs tool and Pandas Library.

PROJECTS

Stealth Startup | Developer | Virtual

May 2024 - Aug. 2024

- Developed a prototype for startup software using React-Native, Node.js, and MongoDB in collaboration with a small, agile team while effectively communicating and coordinating with team members
- Specialized in front-end development, leveraging React-Native and Node.js to design and implement dynamic and responsive user interfaces for mobile app

Project Bonbon | VGDev @ Gatech

Sep. 2023 - Dec. 2023

- Bonbon is a narratively driven sweets themed turn-based JRPG currently in development
- Developed game mechanics with 50+ other developers using the Unity game engine and utilized Github for version control
 - o Implemented the scene transition system and asynchronous loading screens in between scenes ensuring smooth transition between the scenes