Sarthak Patipati

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EDUCATION

University of Illinois at Chicago, Bachelor of Science in Computer Science   Dec 2023 (Expected)

PROFESSIONAL EXPERIENCE

Illinois Educators Credit Union, Springfield, IL   Jan 2018 – Oct 2018
Member Service Representative
- Frequently communicated with managers and customers to handle quality assurance.
- Worked with customers while simultaneously solving IT related problems.
- Collaborated with 10-15 team members to complete efficient work and bring in top hauls.

VOLUNTEERING

Habitat for Humanity, Urbana IL   Aug 2019 – Present
Build Site Volunteer
- Assist the Champaign County chapter in house construction projects for at-risk and low income families.
- Volunteer at concession stands during school football games and helped raise over $1000 - $2000.
- Helped raise $100 - $500 each time for the organization through fundraising activities.

Illini Union Board, Urbana IL   Aug 2019 – Dec 2019
Enriching Committee Member
- Advised in the utilization of a $105,000 budget with the purpose of organizing speaking events.
- Selected from a pool of 80+ applicants to be one of 12 new committee members.
- Collaborated with 2-3 other team members within the outreach sub-committee to organize the logistics of large and small scale speaking events.
- Engaged with various Illini Union stakeholders including soliciting feedback from over 20 different professionals, advisors and students after each event.

PROJECTS

TikTok Clone, Lead   Aug 2021
- A beautifully designed replica of the famous and trending TikTok app built with ReactJS and deployed using Firebase.

Amazon 2.0, Lead   May 2020
- A completely new and redesigned Amazon Clone using HTML, Tailwind CSS, and ES6 JavaScript.

Airport Tracker, Developer   May 2021
- Parses real-world airport and route data from OpenFlights.org to create a custom graph structure for performing operations.
- Finds the shortest path between two airports using Depth-First Search (DFS) Traversal, calculating distance between airports and the total distance of the trip using Dijkstra's Algorithm, and measuring the connectedness of a given airport node using the Normalized Degree Centrality Algorithm.

SKILLS

- **Tools:** Android Studio, MS Visual Studio, MS Office, Adobe Creative Cloud, Xcode, CodePen, Git
- **Languages:** Java, JavaScript, Python, HTML, CSS, Swift, Ruby, C++, JSON, Numpy
- **Soft Skills:** Excellent Communication, Teamwork, Problem Solving, Self-Management
- **Relevant Coursework:** App Academy Full Stack Course (online), Harvard CS50 (edX), The Odin Project JS Curriculum (online)
- **Framework, Databases, Cloud:** React, Firebase, Microsoft, Git, Jupyter, Heroku, MongoDB, Express, Node