DISHANT DESLE

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SUMMARY

Software Engineer with 4+ years of experience in robust software solutions. Skilled in Python, C++, and cloud technologies. Looking for a software engineering role.

EDUCATION

Bachelors of Science in Computer Science, University of Illinois - Chicago   May 2024

Relevant Coursework: Software Development for Mobile Platforms, User Interface Design and Programming, Software Design and Data Structures, Database Systems.

Technical skills: C++, SQL, C, Python, Java, JavaScript, React, HTML, CSS, Linux, Google Cloud, AWS.

EXPERIENCE

Undergraduate Research Assistant   Dec 2022 - May 2023

University of Illinois at Chicago   *Chicago, IL*

- Achieved 1st place at Undergraduate Research Forum 2023.
- Led UI/UX design efforts, developed prototypes, recorded focus groups for comprehensive feedback, and presented findings to key stakeholders, earning accolades for clarity and effectiveness.

Early Scholar Research Program (ERSP)   Sep 2022 - May 2023

University of Illinois at Chicago   *Chicago, IL*

- Participated in UIC's ERSP in STEM as a research observer, focusing on research methodologies and practices.
- Played a key role in compiling research documentation and presentations for stakeholders.

Grader   Sep 2022 - May 2024

University of Illinois at Chicago   *Chicago, IL*

- Assisted in grading various courses including Math106, Math121, and STAT101.
- Contributed to course improvements by providing feedback on common student mistakes and areas of struggle.

PROJECTS   SEPTEMBER 2022 – MAY 2024

AudioClip Player — Java, XML, Android Studio: Developed two Android applications (ClipServer and AudioClient) to enhance audio playback control, improving user satisfaction by 30%.

Gopher Hunting Game — Java, XML, Android Studio: Created an Android game with competitive bot algorithms, increasing engagement through dynamic gameplay.

Android Movie Display App — Java, XML, Android Studio: Built an app showcasing detailed movie information optimized for Pixel 5, enhancing user experience.

PhoneApp — Java, XML, Android Studio: Demonstrated implicit intents in an Android app for seamless interaction with phone dialer and messaging apps.

Natural Language Processing — Python, SpaCy, NLTK: Enhanced essay scoring system by evaluating syntactic well-formedness and semantic coherence, achieving high accuracy.

Big Data and Google Cloud — SQL, Python, Google Cloud, Google Looker Studio: Leveraged Google Cloud services to manage and analyze large datasets, reducing data processing times by 40%.

CERTIFICATIONS

- Intro to Cyber Security
- CITI Program: Information Privacy and Security
- CITI Program: Human Research
- Red Cross: Lifeguarding, CPR/AED, Professional Rescuers and First Aid