

Christopher Lee

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EDUCATION

University of Illinois at Urbana-Champaign

Expected May 2025

Bachelor of Science, Industrial Engineering, Computational Track, Computer Science

Technical GPA: 3.7

Relevant Coursework: Data Structures & Algorithms Honors, Engineering Graphics & Design, Technology & Management

PROFESSIONAL EXPERIENCE

Synchrony Financial (Fortune 500 Consumer Financial Services)

Champaign, IL

Software Engineering Intern, Information Security

May 2022 – August 2022

- Transformed SSL certificate lifecycle management by integrating messy audit data from Tanium to a user-centered dashboard via RESTful API built with React.js, Node.js, & Express.js saving 500+ hours of manual data cleaning and analysis
- Orchestrated the design of a proof-of-concept web application, for internal use, to escalate issues, renewals, replacements, and deployment of SSL certificates on the firm's private certificate authority
- Advocated for industry standards and best practices during stand-ups, code reviews, peer programming sessions, and pull request comments with other interns, engineers, product owners, and senior managers

Limitless Medical Logs (Healthcare/Lifestyle Start-up)

West Palm Beach, FL

Business Development/Research Intern

May 2021 – August 2021

- Spearheaded data analytic and business development efforts by leveraging B2B and B2C sales data and CDC/NIH datasets
- Conducted observational and analytical studies on the increase in chronic diseases in the United States from 1950 to 2020
- Used data visualization tools (Excel & D3.js) to construct interactive time series data effectively and efficiently for final report

Mobilution International Inc (Mobile Devices Wholesaler)

Greater Chicago Area, IL

Supply Chain & Logistics Intern

June 2020 – August 2020

- Advanced the allocation of assets and resources for company projects in delivery across Chicago, optimizing transit times
- Enhanced delivery and pick-up routes using empirical and mathematical methods, presented reports during weekly stand-ups
- Modeled future sales estimations and resource usage with Excel, delivering weekly presentations to stakeholders and managers

PROJECT EXPERIENCE

Project Helper Function, GitHub Repo: github.com/cleeclee123/Project-Helper-Function

- A Full-stack web app where a query will produce a code snippet in the desired language into a VSCode-like editor
- Designed and developed a search engine scraper with Node.js & Cheerio.js, deployed this service to an API with Express.js

Spiteful-Spoof, GitHub Repo: github.com/cleeclee123/Spiteful-Spoof

- A Node.js application that provides a service that modifies the HTTP request headers to implement web retrieval strategies
- Application design consists of generating and rotating a proxy server and modifying the user agent string, evades CAPTCHA

Musices, GitHub Repo: github.com/cleeclee123/Musices-App

- Developed a music information web app that makes calls to the Spotify Web API for different songs and player functionality
- Created sign up & login authentication functionality and implemented CRUD operations through Firebase Realtime Database

ORGANIZATIONS

Champaign-Urbana Business and Engineering Consulting (CUBE)

Champaign, IL

Project Acquisition Manager, Client Relations, Executive Board Member

May 2022 – Present Day

- Source projects for CUBE with potential clients to develop solutions and address current pain points within their organization
- Network with 50+ Fortune 500 firms and start-ups to facilitate and scope out 5+ projects for 50+ student consultants
- Recruit and interview the best and brightest engineering and business students on campus to join CUBE Consulting

Consultant | Project Acquisition Analyst

September 2021 – May 2022

- Initiated a social media-based, hyper-targeted marketing strategy for a Silicon Valley-based education-technology start-up
- Uncovered an alternative and more efficient sales pipeline/funnel for a Champaign-Urbana-based robotics start-up

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, C++, Java, Python, MATLAB, Mathematica, Kotlin (Novice), GoLang (Novice)

Frameworks/Technologies: React.js, Node.js, Express.js, Cheerio.js, Bootstrap, Jest, TDD, Git/VC, Firebase, Microsoft Office

Interests: Web development, Front-end development, Full-Stack development, Information Retrieval, Product Management