# CHRIS CORSI
## SOFTWARE ENGINEER

Associate Software Developer with fluency in HTML, CSS, JavaScript, React, Python, and Django with a back-end specialization. Experience in leading the application development process through building custom database solutions in FileMaker Pro. Data management, analysis, and visualization expertise from a Research Project Management background with strong organizational and communication skills . A passion for software development and a dedication to delivering high-quality solutions within a team environment. Eager to leverage technical expertise to contribute to impactful projects in the software development industry and continually expand my skill set.

## CONTACT

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## TECHNICAL SKILLS

**Front-End:**
- HTML
- CSS (Bootstrap, Tailwind)
- JavaScript
- React

**Back-End:**
- Python
- Django
- ZSH/Bash
- SQL

**Software:**
- FileMaker Pro
- GitHub/Jira/Asana
- Tableau/WordPress
- Qualtrics/REDCap

**Organizational:**
- Agile Development
- Project Management
- Client Coordination
- Supervision & Training

## EDUCATION

**Momentum | 2023**
Full-Stack Software Engineering Bootcamp

**University of North Carolina at Chapel Hill | 2014-2018**
Bachelor of Arts: Psychology

## EXPERIENCE

**Momentum | Software Engineer | Jan - May 2023**
- Enrolled in a 16-week full-stack software development bootcamp with emphasis on Python, Javascript, and web application deployment in Django, rapidly acquiring practical skills and experience necessary to pursue a career in software development
- Completed projects utilizing popular web development tools including Python, Django, APIs, and front-end technologies such as HTML, CSS, and React
- Collaborated with team members to develop software applications and practiced effective communication strategies while developing projects via an agile framework
- Utilized DOM manipulation, AJAX, and Bootstrap CSS to create a query web app allowing users to play their favorite songs

**Duke University | Software Developer | November 2022 - Current | *Part-Time***
- Developed a custom FileMaker Pro (FMP) database to manage participant screening, enrollment, and retention, on the JCOIN-PEERS study, spearheading advanced approaches to data collection and participant management
- Worked closely with clients from planning to deployment to ensure outcomes adhered to project demands, completing a functioning prototype four months ahead of launch date
- Utilized SQL calls to improve performance and reduce back-end complexity

**Chestnut Health | Software Developer | July 2022 - Current | *Part-Time***
- Conceptualized, prototyped, and developed a novel contingency-management FMP database to provide services for patients in recovery, securing a budget of $40,000
- Wrote, annotated, deployed, and tested code and supporting documentation
- Obtained high impact client feedback and implemented requested features, including a multi-site inventory system that enables users to ship, track, and fulfill orders in a concise and secure manner

**COVID Prison Project | Data Specialist | Jan. 2020 - Feb. 2021**
- Supported the rapid startup of a national hub for tracking COVID-19 cases in carceral facilities, directly contributing to the receipt of a RWF grant of over $100,000
- Created a wordpress website that served daily counts of COVID-19 cases and saw over 1,000 hits a day, crafting data vizualizations in Tableau that supported data transparency
- Led the transition from an outdated database to an adaptive, user friendly framework
- Automated data collection using webscraping technology and JS based Google Scripts that led to a 40% increase in productivity while supervising a team of five Research Assistants

**UNC REHJ Lab | Research Project Manager | June 2019 - Jan. 2023**
- Managed implementation, data collection, and RA supervision of the SPECS study, a research study examining health experiences of people with criminal-legal experience
- Achieved excellent data integrity utilizing advanced research software while navigating changes in study demands and protocols, leading to a 94% study retention rate
- Created an FMP database to house retention data using design methodologies and advanced scripting, significantly improving data quality and reducing RA burden