CHRIS CORSI

SOFTWARE ENGINEER

Full-stack Software Engineer adept at creating dynamic user experiences using React and developing scalable APIs with Django Rest Framework. A natural problem solver proficient in leading teams and delivering quality, maintainable code in fast-paced development environments. Experienced in building custom, client-facing database solutions. Recently transitioned from research project management, leveraging strong communication, data analysis, and orgaanizational skills to excel as a software engineer.

CONTACT

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TECHNICAL SKILLS

Front-End:
- React. - *Javascript, Vite, Next.js,*
- Styling - *CSS, Tailwind, Bootstrap*
- Component Libraries - *Material UI*
- API Management - *AJAX, REST, HTTP*
- Data Representation - *HTML, JSON*
- Data Visualization - *Chart.js, Tableau*

Back-End:
- Database Management - *Django, SQL*
- API Development - *Django Rest Framework*
- Python

Software:
- Version Control - *GitHub, Git*
- Ticketing - *Trello, ClickUp, Jira*
- Wireframing - *Miro, FigJam*
- AI Prompt Engineering

Organizational:
- Continuous Integration & Deployment
- Agile Development/Scrum
- Product Development
- Supervision, Training, & Mentoring

EDUCATION & TRAINING

Momentum | 2023
Full-Stack Software Engineering Course

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

EXPERIENCE

Independent Contract Work | Software Developer | June 2022 - Current
UNC Chapel Hill, Brown University, Chestnut Health Solutions
- Develop custom FileMaker Pro (FMP) databases to client specifications, conducting product scoping, front and back-end development, and client strategy to deliver high performant, functional products within a client timeline
- Work with Project Managers, UX Designers, and dev team to create innovative research solutions, producing software that increased participant enrollment and retention by 30% and a contingency-management databse that secured a budget of $40,000
- Created a feature that securely segmented UI and reports by enrollment site and user privileges, enabling use from multiple client-bases and expanding app versatility
- Tech: *Filemaker Pro, Javaccript, JSON, FMP API, Chart.js, Relational Databases, UX/UI*

Momentum | Software Engineer | Jan - May 2023
- Completed a 16-week full-stack software development course with emphasis on React, Django Rest Framework, and agile development, rapidly acquiring development skills
- Collaborated with team members to develop software applications and incorporated prior experience with UX design to develop clean, accessible user interfaces
- Tech: *React, Next.js, Typescript, AJAX, CSS, Django Rest Framework, Python, Git, Agile*

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 Robert Wood 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, leading UI development and supplying updating counts of COVID-19
- 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
- Synthesized a vast dataset into an impactful Tableau data visualization, resulting in enhanced data transparency and valuable insights into evolving trends
- Tech: *WordPress, Tableau, Webscraping, Javascript, Google Scripts, API*

UNC REHJ Lab | Research Project Manager | June 2019 - Jan. 2023
- Successfully drove coordination of an academic study examining criminal legal experiences, achieving 100% of timeline milestones while overseeing diverse aspects such as recruitment, data collection and analysis, product development, and stakeholder communication, while ensuring adherence to project timeline
- Tech: *RedCap, Qualtrics, Excel, FileMaker Pro, Tableau, Asana, ClickUp, Trello*

PRODUCT SPOTLIGHT - BASH

- Developed "Bash," a collaborative event planning app using React and Django Rest Framework, focusing on frontend development and user experience
- Led a team of three as Scrum Master, streamlining design requirements, wireframes, and Agile/Scrum approach, increasing development speed by 25% on a tight timelines
- Integrated social authentication via the Spotify API, enhancing user engagement, and a versatile invitation process with auto-emails and public links, reducing sign-up time by 45%
- Implemented features including RSVP management, dietary restrictions, event duplication, and notifications, using React Router, Tailwind, Material UI, AJAX,