

# CHRIS CORSI

## SOFTWARE ENGINEER

Software Engineer with a strong background in full-stack development, expertise in React, DjangoRest Framework, and agile methodologies. Proficient in problem-solving and delivering high-quality, maintainable code in fast-paced environments. Transitioned from research project management, applying team leadership, data management, UI development, and organizational skills to excel in software engineering.

### CONTACT

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### TECHNICAL SKILLS

#### Front-End:

- React: *JavaScript, TypeScript, Next.js*
- Styling: *CSS, Tailwind, Bootstrap*
- Component Libraries: *Material UI*
- API Management: *AJAX, REST, HTTP*
- Data Representation: *HTML, JSON*
- Data Visualization: *Chart.js, Tableau*
- Testing: *Jest*

#### Back-End:

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

#### Software:

- Version Control: *GitHub, Git*
- Ticketing: *Trello, ClickUp, Jira*
- Wireframing: *Miro, FigJam*

#### Organizational:

- Continuous Integration & Deployment
- Agile Development/Scrum
- Product Development
- Supervision & Training

### 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

Clients: *UNC Chapel Hill, Brown University, Chestnut Health Solutions*

- Cooperated with project managers, UX designers, and the development team to create inventive research solutions using FileMaker Pro, leading to a 30% boost in participant retention and obtaining a \$40,000 budget for a contingency-management application
- Directed product planning and feature development in accordance with client requirements, guaranteeing the provision of top-notch software solutions
- Overhauled the checkout process by incorporating a cart functionality, considerably improving transaction effectiveness and user satisfaction
- Established multitenancy support to enhance user administration, fostering resource distribution and system efficiency
- Tech: *FileMaker Pro, JavaScript, JSON, FMP API, Chart.js, JSinFM, DataTables, UX/UI*

#### Momentum | Software Engineer | Jan - May 2023

- Finished an extensive full-stack software development program, concentrating on JavaScript, React, Python, Django Rest Framework, and agile techniques
- Cooperated with colleagues to create diverse applications, exhibiting robust communication and collaboration abilities necessary for agile groups
- Utilized component libraries to implement seamless user interfaces in React
- Tech: *React, Next.js, TypeScript, AJAX, CSS, Django Rest Framework, Python, Git, Agile*

#### COVID Prison Project | Data Specialist | Jan. 2020 - Feb. 2021

- Championed project initiatives, concentrating on web development, documentation, team leadership, and data procurement and visualization to enhance project outcomes
- Constructed a high-traffic WordPress site, directing UI design and executing API requests to deliver real-time COVID-19 information, adhering to the agile methodology
- Supervised a team of five in data collection and cleaning, incorporating web scraping and JS Google Scripts to streamline operations, yielding a 40% efficiency improvement
- Effectively guided the transition of database systems, preserving data consistency and compatibility, ensuring system integrity and rectifying defects
- Tech: *WordPress, Tableau, GIS, Web Scraping, JavaScript, Google Scripts, API*

#### UNC REHJ Lab | Research Project Manager | June 2019 - Jan. 2023

- Successfully drove study coordination, overseeing recruitment, data collection and analysis, and product development, achieving 100% of project milestones
- Developed custom retention software, overseeing app deployment and data migration
- Tech: *RedCap, Qualtrics, Excel, FileMaker Pro, Tableau, Asana, ClickUp, Trello*

### PRODUCT SPOTLIGHT - BASH

- Created "Bash," a collaborative event planning app using React and Django Rest Framework, leading planning, wireframing, front-end development, and supporting API design
- Served as Scrum Master for a three-member team, employing an Agile/Scrum approach
- Led the implementation of a consistent, modern UI using Material UI components
- Integrated social authentication via the Spotify API, using state management and local storage to provide dynamic routing, enabling users to create custom playlists
- Implemented Optimistic UI, improving responsiveness by 20%