CHRIS CORSI

SOFTWARE ENGINEER

Software Engineer with a strong background in full-stack development, expertise in React, TypeScript, Django Rest Framework, and agile methodologies. Problem solver focused on 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**
  - Completed an extensive full-stack software engineering program, building applications with TypeScript, React, Python, Django Rest Framework, and agile techniques
  - Cooperated with colleagues to create diverse projects, 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**
  - Led web development, documentation, team leadership, database management, 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*