Cleveland, Ohio • hornallycia@gmail.com • allyciahorn.com • (216) 457-1100

ALLYCIA HORN

Software Engineer

PROFESSIONAL SUMMARY

Software Engineer with 4+ years across data, analytics, and full-stack development. Combines analytics experience—designing consumer insights frameworks, segmentation analyses, and reproducible data pipelines—with full-stack development to deliver scalable features that improve product decisions and user outcomes.

EMPLOYMENT HISTORY

CONSUMER ANALYST   **Jun 2022 - Present**
KeyBank   *Cleveland, OH*

- Designed consumer-insights frameworks to prioritize product features, clarifying roadmaps and guiding investment decisions with measurable outcomes.
- Conducted segmentation analyses to reveal customer behavior patterns, improving targeted outreach and increasing campaign relevance with measurable results.
- Facilitated weekly stakeholder workshops to align data needs, reduce rework, and accelerate delivery of actionable reports.
- Standardized data validation checks across pipelines to detect anomalies early and strengthen confidence in consumer metrics for decision-making.

ASSOCIATE ANALYST   **May 2022 - Dec 2022**
Change Research   *Remote*

- Designed and refined sampling approaches to broaden respondent diversity, improving representativeness and strengthening study validity.
- Built reproducible data pipelines to transform raw survey exports into analysis-ready tables, enabling faster reporting and clearer insights.
- Partnered with researchers and project managers to align questionnaires with study goals, ensuring actionable metrics and smoother project delivery.
- Summarized complex findings into concise executive briefs, translating technical results into clear recommendations that informed client decisions.

PROJECTS

COURT COMPANION
Tech Stack: React, Next.js, FastAPI, Python

- Built a full-stack web application that uses AI to analyze court documents, highlight key dates, and generate structured task checklists.
- Designed with accessibility and usability in mind to reduce cognitive load during stressful legal processes.
- Developed a clean, intuitive user interface focused on transparency and user control.

SKILLS

React, Node.js, Next.js, FastAPI, Python, Java, JavaScript, SQL, HTML/CSS, BigQuery, Tableau, PostgreSQL, MySQL, Git, testing, debugging, documentation.

EDUCATION

B.S. COMPUTER SCIENCE
John Carroll University

Graduated cum laude