# NABINTOU S. FOFANA

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## PROFESSIONAL SUMMARY

Software Engineering student with hands-on experience as a Data/Transaction Processor and a solid foundation in object-oriented programming, web development, and database systems. Experienced in using real-world business applications, which gives me a user-centered perspective on system design and functionality. I am currently learning full-stack development and seeking a software engineering internship where I can contribute to impactful projects while continuing my studies.

## SKILLS

⬦ **Technical Skills**
**Languages:** Java, Python, HTML, CSS, JavaScript
**Database:** SQL (basic querying & relational concepts)
**Tools:** Git, GitHub
**IDE:** PyCharm, IntelliJ IDEA, VS Code
**Frameworks & Libraries:** Swing (Java GUI), pandas, matplotlib, argparse, FPDF
**Concepts:** Object-Oriented Programming, Web Development, UX/UI Fundamentals, SDLC
**Other:** WordPress customization, Familiar with e-commerce workflows

⬦ **Soft Skills**
Problem Solving | Communication | Attention to Detail | Self-Learning | Team Collaboration

## TECHNICAL PROJECTS

### Personal Finance Tracker | *Java, Swing, OOP*
- Developed a desktop app to manage personal income, expenses, and savings goals.
- Built a reusable object-oriented structure and designed a Swing GUI with category selection, emoji tagging, and unusual expense alerts.

### CSV Data Analyzer | *Python, CLI, pandas, matplotlib, FPDF*
- Built a robust command-line tool to clean messy CSV data, calculate a unique Data Quality Score and export PDF reports with plots.
- Practiced safe exception handling, smart plotting logic, and automated output generation for real-world data sets.

## WORK HISTORY

**Transaction Processor** (Full-Time)
**Conduent** – Jan 2022 to Present
- Process financial transactions in a fast-paced environment using a First-In-First-Out (FIFO) queue system
- Monitor and review transaction queues to identify items falling outside service level agreements (SLAs)
- Ensure compliance with internal procedures and regulatory standards
- Maintain accurate records and detailed documentation of each transaction
- Investigate and resolve processing discrepancies to maintain data integrity

## EDUCATION

**Bachelor's degree**: **Software Engineering** (in process)
**University of Texas at Dallas** - Texas | 2025-2027
**Relevant Coursework**: *Computer Science, Mathematics, Engineering, Computer Architecture.*

**High School Diploma**
**Marcory High School** – Abidjan, IVORY COAST | 2010

## LANGUAGES

**French** & **English**