Alyn Tetteh

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EDUCATION

Drexel University   Philadelphia, PA
Bachelor of Science in Software Engineering   Expected Graduation: June 2029
Minor: Financial Technology

WORK EXPERIENCE

Vester Pharmaceuticals   Accra, Ghana
Software & Automation Support Extern   May 2025 – September 2025

- Performed diagnostics and data integrity checks, supporting a 5% improvement in operational accuracy and 12% reduction in inventory discrepancies
- Collaborated with the operations team to document workflows and propose efficiency improvements, contributing to a 21% reduction in production cycle time
- Developed Excel dashboards and assisted in building Python scripts to streamline stock-level reporting, cutting report generation time by 30% and improving data access for team members

Consolidated Bank of Ghana   Accra, Ghana
E-Banking Intern   June 2023 – August 2023

- Drove 40% increase in customer adoption of digital finance tools by effectively communicating features of online and mobile banking platforms, leading to 12% higher engagement with tech-enabled services
- Resolved access issues for digital banking users in collaboration with IT team, strengthening security and improving reliability of e-banking services by 7% for over 1000 customers
- Automated repetitive administrative tasks in Microsoft Word and Excel, reducing data-entry time by ~30% and improving data accuracy by 65%, showcasing the efficiency gains achievable through process automation in financial services

TECHNICAL PROJECTS

Trading Journal Web App   Personal Project
Full Stack Developer   July 2025 – Present

- Engineered a responsive trading journal web app to record, organize, and analyze trades, boosting consistency and visibility of trading performance
- Developed a full-stack solution using Flask and SQLite for backend data management, and designed interactive dashboards with Chart.js plus a calendar view with FullCalendar to visualize profit/loss trends
- Integrated trade filtering and CSV export features to streamline trend analysis and enable faster, data-driven performance evaluation

Prototype Book and Movie E-library   Drexel University
Full Stack Developer   January 2025 - June 2025

- Created a responsive web app integrating APIs for genre-based book and movie searches, featuring real-time results and personalized user recommendations
- Co-engineered a full-stack web app using Node.js, and MongoDB for the backend, and HTML, CSS, JavaScript with EJS templates for the frontend, implementing user login and profile history to enhance user experience
- Implemented Agile methodology with 4-week sprints, weekly stand-ups, and bi-weekly retrospectives, increasing team productivity by 70% and reducing project completion time by 5 weeks

TECHNICAL SKILLS

- **Programming Languages:** Python / Javascript / HTML / CSS
- **Libraries / Frameworks:** React / Express.js / Flask / FullCalendar
- **Development Process:** GitHub **/** Agile Methodologies / Stand-up meetings / Code Reviews
- **Databases & Data Tools:** Microsoft Access / SQL / Excel / MongoDB
- **Deployment Platforms**: Netlify / Render

RELEVANT COURSEWORK

- Computer Programming I, II / Agile Design I, II, III / Calculus I, II / Computer Algorithms and Architecture / Accounting for Professionals
- Programming Language Concepts / Systems Programming