Shadrack Annor

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EDUCATION

Brown University, 4.0 GPA   Providence, RI | *Expected Graduation - May 2027*
Intended B.A.- Double Concentration - Computer Science & Contemplative Studies
Relevant Coursework: Data Structures & Algorithms, Computing Foundations, Discrete Structures & Probability, Linear Algebra, Basics of Cryptographic Systems, Fundamentals of Computer Systems, CodePath Intermediate Technical Interview Course Certificate

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, C/C++, SQL, HTML/CSS
Frameworks & Tools: Next.js, React, Node.js, Prisma ORM, PostgreSQL, Vercel, Redis, FastAPI, Git, REST APIs, NextAuth.js,

PROJECTS

Blueno, *Co - Founder*
- Identified gap in mental health AI: existing chatbots reinforce echo chambers through sycophantic responses
- Secured $2000 in EP funding by pitching product vision addressing underserved "between sessions" use case
- Built psychodynamic exploration tool with dual-layer crisis detection and anti-sycophancy prompt engineering
- Designed daily journal model to encourage reflection over dependency

WaxFeed, *Founder*
- Built full-stack social music platform ("Letterboxd for albums") with Next.js 16, TypeScript, Prisma ORM, and PostgreSQL
- Chose friends-only social model over followers to prioritize quality engagement over vanity metrics
- Architected 26-model database schema supporting reviews, curated lists, and wax awards social currency
- Integrated Spotify Web API with intelligent caching layer for album metadata, artist discography imports, and search
- Implemented Google OAuth via NextAuth.js v5, admin panel for bulk imports, and personalized activity feeds

WBRU, *Research & Development*
- Led complete site and mobile app overhaul, gathering requirements through student user feedback
- Built internal tools to streamline operations: playlist manager, DJ set transcriptor, and Spotify song ripper

EXPERIENCE(PAID)

Brown Computer Science (SWRL), *Research Assistant*   Remote | *March 2025 – Present*
- Conducting qualitative research on AI, digital safety, privacy, and interpersonal dynamics under Diana Freed
- Developed Python-based framework for auditing AI chatbot bias through natural AI-to-AI conversations
- Developing frameworks for critical evaluation of machine learning applications
- Conducting literature reviews on technology-facilitated abuse, algorithmic bias, and ethical AI use cases

Polarity Labs, *Research Assistant*   Providence, RI | *May 2025 – Present*
- Developing AI systems that model neuropsychological reasoning for personalized learning and mental health applications
- Building exocortex mapping technology that constructs dynamic user cognitive profiles through conversational analysis
- Architecting backend infrastructure to be integrated into Blueno therapy companion platform

Character Lab, *CLIP Research Intern*   Remote | *May 2022 – May 2023*
- Supported youth mental health research initiatives at nonprofit focused on evidence based wellbeing interventions
- Served as a student ambassador, increased survey participation by 30%, and engaged in focus groups on mental health

LEADERSHIP & DEVELOPMENT

WBRU 360, *Creative Director*   Providence, RI | *September 2024 - Present*
- Revitalized WBRU brand identity, leading complete site and mobile app overhaul to modernize user experience
- Created "360 Sound" live DJ set series, producing sets at pop-ups and scenic locations across Providence
- Pioneering experimental interview format pairing hands on activities(pottery, etc) with intimate dialogue
- Organized community fundraiser during EBT outage, requiring food donations as event admission
- Spearheading transformation from traditional radio into multimedia content studio

Management Leadership for Tomorrow, *Career Prep Fellow*   Hybrid | *February 2025 – Present*
- Selected for a rigorous career prep program for high-achieving minority students in tech.
- Engage in intensive training on software engineering principles, leadership, and industry practices
- Receive coaching from various alum and tech professionals and refine technical and professional skills for competitive roles

Mosaic+, *General Member*   Providence, RI | *November 2023 – Present*
- Participate in various initiatives including shentorship programs, technical workshops, and community development projects
- Coordinating bi-weekly technical workshops on algorithms, system design and interview preparation