Adrian Binkley

adrianbinkley.com

Education History

- **University of Pennsylvania** (Philadelphia, PA) — *Master's of Computer & Information Technology, MCIT* | May 2022, 3.86 Cumulative GPA

Relevant coursework in data analytics, databases, artificial intelligence, data structures, algorithms, advanced mathematics, and computer systems

- **Curtis Institute of Music** (Philadelphia, PA) — *Bachelor's of Music in Pipe Organ Performance, Certificate in Harpsichord* | May 2020, 3.96 Cumulative GPA

Professional Experience

- **The Vanguard Group** (Malvern, PA) — *Software Engineer II* | Dec 2023 - Present

Architecting and implementing company-wide GL traceability/automation pipeline, continuing management of team CI/CD projects, and training junior developers

- **The Vanguard Group** (Malvern, PA) — *Software Engineer I* | May 2022 - Dec 2023

Modernized data integrations in AWS, managed team automation projects and CI/CD systems migrations, created and updated ERP reports through Oracle Cloud IaaS

- **eBay Inc.** (Remote, U.S.) — *Software Engineer Intern* | May 2021 - Aug. 2021

Researched, developed, and integrated a full-stack live streaming service POC application for the eBay Storefront using Node.js, RESTful APIs, and a custom Java/Spring Boot backend

Projects & Collaborative Work

- **Cypress Quarterly Regression Test Automation**

Containerized and parallelized a set of Cypress/TypeScript regression tests on Atlassian Bamboo to reduce quarterly manual work by over 80% while minimizing risk of errors

- **Spotify Analytics & Predictions** ([GitHub](https://github.com))

Standardized and explored robust music track data, training multiple machine learning models and comparing regularization techniques to predict track popularity from other attributes

Programming Languages

JavaScript/TypeScript, Node.js, React.js, Python, Java, SQL, C/C++, Assembly

Tools & Frameworks

AWS, Git, Jest, JUnit, Atlassian Suite, Containerization, Oracle IaaS

Skills

CI/CD, Cloud Infrastructure, IaC, Agile, Data Structures & Algorithms, Unit Testing

Certifications

AWS Cloud Practitioner ([badge](#))
Vanguard Application Security Champion I
Vanguard Application Security Champion II