

Collin Kleest

SOFTWARE ENGINEER · GREATER PHILADELPHIA AREA

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Work Experience

The Vanguard Group - Technology Leadership Program

Malvern, PA

CLOUD ENGINEER

Apr. 2021 - Current

- Developed Java Rest APIs that served internal consumers, specifically APIs that delivered financial fund data. Optimized queries and algorithms to decrease response times and improve application performance.
- Designed and implemented cloud-native ETL jobs and event-driven microservice architecture.
- Performed resiliency and performance tests to ensure application stability.

BACKEND ENGINEER

Aug. 2021 - Apr. 2022

- Developed Java Rest APIs that served internal consumers, specifically APIs that delivered financial fund data. Optimized queries and algorithms to decrease response times and improve application performance.
- Designed and implemented cloud-native ETL jobs and event-driven microservice architecture.
- Performed resiliency and performance tests to ensure application stability.

APPLICATION ENGINEER INTERN

Jun. 2021 - Aug. 2021

- Contributed to a full-stack Angular-based College Cost Estimator web app that helps advisors and clients get an estimated cost of college for their children.
- Lead development of an electron application with a group of interns that manages Vanguard's community gardens.

Pfizer

Collegeville, PA

ASSOCIATE SOFTWARE ENGINEER

Aug. 2020 - Dec. 2020

- Contributed to a web based micro-service data processing platform that is utilized by finance and manufacturing teams.
- Improved data-processing services that were used by manufacturing facilities producing COVID-19 vaccinations.

SOFTWARE ENGINEER INTERN

Jun. 2020 - Aug. 2020

- Engineered a full stack web application that dynamically updates API documentation with latest releases of a set of micro-services
- Designed a front-end user interface using individual React components and built out a back-end that exposes a spring boot rest API
- Collaborated with an intern to build a static content site for multiple teams.

Education

The Pennsylvania State University

State College, PA

B.S. IN INFO SCIENCE AND TECHNOLOGY, FOCUS IN SOFTWARE ENGINEERING

Jun. 2018 - May. 2021

- **GPA:** Cumulative - 3.89, Major GPA - 4.0
- **Accolades:** Deans list every year, Richard C. Assetto, Robert and Tammy Morgan Trustee, and Hendrickson Family Trustee Scholarship
- President and Co-Founder of Emerging Technology Club
- Java Learning Assistant, Learning Assistant Coordinator, and Security Instructional Assistant