

Connor C. Kunstek

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EDUCATION

University of Kentucky, College of Engineering

Lexington, KY

Bachelor of Science in Computer Science Engineering

Projected Graduation: May 2019

GPA: 3.5

- **UK Presidential Scholarship**, full tuition each year of undergraduate study
- **Lewis Honors College**
- **Scholars in Engineering and Management (SEAM)**, a selective Honors Program for developing business skills
- **Dean's Engineering Leadership Program**, a prestigious leadership development program for only 15 students each year

EXPERIENCE

Digital Technology Leadership Program (DTLP), General Electric (GE) Aviation, Cincinnati, OH Summer 2018

- Data Engineer for the Data Ingestion Team on DaaSBoard, working to visualize and monitor the data lake and its operations
- Architecting a near real-time, publish and subscribe data messaging system using **Apache Kafka** to trigger alerts as they occur
- Optimizing this architecture for sustainability and adaptability for later replication using technologies such as **Docker**
- Designing a front and back end for monitoring the High Volume Replication (HVR) platform in DaaSBoard

Digital Technology Leadership Program (DTLP), General Electric (GE) Aviation, Cincinnati, OH Summer 2017

- Developer for Digital Engineering Solutions on the Aviation Test Data Team, working to capture and analyze engine test data
- Created a data transfer system for moving data between Aviation's data vault and **AWS GovCloud S3/Glacier**
- Spun up a multi-node **Apache Cassandra** cluster in **AWS GovCloud** on **EC2** instances to use for streaming analytics
- Selected as Intern Focal Leader, leading Staff Meetings and facilitating the involvement of a 50 person intern class

Student Developer, Engineering Computing Services/UK Website, Lexington, KY

2016 - Present

- Programming web applications for use on University of Kentucky's website using **PHP**, **HTML/CSS**, and **SQL**
- Enhanced over 25 current applications and sites to be more user friendly, efficient, secure, and dynamic
- Designed, developed, and implemented a series of 6 applications that are currently in use on UK's website

Information Technology Leadership Program (ITLP) Intern, Fifth Third Bank, Cincinnati, OH Summer 2016

- Application Developer in Consumer IT with the Value Proposition Services (VPS) Team
- Developed Phase 1 of Fifth Third Bank's Offer Code System in **Java**, **HTML/CSS**, and **JavaScript**
- Lead VPS's transition to **Agile**, acting as Product Owner and Scrum Master for the frontend, backend, and database teams

TECHNICAL SKILLS

Programming Languages

- Java
- SQL
- PHP
- C/C++
- HTML/CSS
- JavaScript

Technologies

- Apache Kafka
- Apache Cassandra
- Docker
- Maven
- Spring Boot
- AWS EC2/S3/Glacier

Business Acumen

- Agile Methodology
- Lean Systems Certified
- Product Management
- Management
- Entrepreneurship
- Calculus 4

INVOLVEMENT

President, Red Shoe Crew for the Ronald McDonald House of Lexington

Fall 2015 - Present

- Red Shoe Crew is a UK Organization of 150+ members whose mission is to serve the Ronald McDonald House of Lexington
- Raised over \$10,000 and facilitated over 1,000 service hours for Ronald McDonald House during the 2017-2018 school year

Web Master and Tech Committee Chair, University of Kentucky Dance Blue

Spring 2018 - Present

- Dance Blue is a UK Organization that raises over 1 million dollars for UK's Pediatric Oncology Clinic each year
- Leading the Tech Committee while designing, developing, and optimizing the Dance Blue website

Volunteer Coach, Lexington Elementary School Basketball League

Fall 2017 - Present

- Teaching and coaching a team of 10 1st and 2nd Graders in weekly games and practices
- Obtained a record of 15 – 1 in the regular season and were runner-up in the post-season tournament