KATHERINE M. KELLEY

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PERSONAL PROFILE

Versatile, dedicated, and self-taught Software Engineer with degree in Industrial and Systems Engineering. I excel in Java development, AWS Infrastructure, data analysis, quality control, and project management techniques, while always bringing a positive and enthusiastic demeanor to the workplace.

EDUCATION

The Ohio State University – Columbus, Ohio
Bachelor of Science in Industrial and Systems Engineering - May 2015

INDUSTRY EXPERIENCE

CAPITAL ONE – Chicago, IL
Software Engineer – Partnerships Digital Originations | July 2015 – Current
- Applied AWS Solutions Architect Certification to onboard the first Capital One application to the cloud
- Actively monitoring and adding tests to the CICD Jenkins Production Pipeline used by developers to ensure only quality code is released to production environments
- Displayed a customer-focused mindset by creating an external REST API used to prefill known customer information into a credit card application, thus saving time and bettering the customer experience
- Integrated a new enterprise Content Management System with Digital Originations application
- Utilized communication and project management techniques to deliver 10 new customer experiences in a fast-paced Agile environment
- Coordinated planning and timing with back-end teams to deliver a new partner credit card with quick delivery dates and multiple late requirements
- Own projects from concept design to product release by keeping communication lines open between Legal, Product, and Technology throughout the duration of the project
- Ensured a positive and timely customer experience by conducting performance testing for each page that loads in the credit card application

NATIONWIDE CHILDREN'S HOSPITAL – Columbus, OH
Business Process Improvement Intern | October 2014 – May 2015
- Worked alongside employees and patients of the Bone Marrow Transplant Clinic to analyze processes and create countermeasures to better the patient experience in the Hematology/Oncology department
- Trained in Operational Excellence; a project management course built on Six Sigma methodologies

OWENS CORNING – Granville, OH Science and Technology Center & Toledo, OH World Headquarters
Roofing and Asphalt Quality and Continuous Improvement Intern | May 2014 – May 2015
- Increased visibility of nonconforming material by creating an Excel database with VBA programming to be used company-wide to track nonconforming product
- Ensured the manufacturing of high quality product by analyzing test data to tighten tolerances on manufacturing specifications

Supply Chain Industrial Strategy Intern | May 2013- August 2013
- Completed 41 documents of the Quality Management System to model the ISO 9001:2008 Standard
- Developed sample sizes, acceptance sampling plans, and lot sampling plans for long term performance variation testing of Owens Corning product using Minitab and Microsoft Excel

SKILLS AND CERTIFICATIONS

- AWS Certified Solutions Architect
- ISO 9001:2008 Certified
- Java, Ruby, Gherkin, MATLAB, VBA, C++, Maven, Jenkins, currently learning ReactJS
- Photoshop, Minitab, Microsoft Suite, SAP, SharePoint, KnowledgeLink, Autodesk Inventor
- Project Management and Teamwork

INVOLVEMENT

- Coders – after school volunteer coding program
- Women in Technology Chicago
- Capital One Campus Recruiting
- Court Appointed Special Advocates (CASA) Volunteer
- Kappa Alpha Theta Fraternity for Women
- Dance Instructor, 2012-2015