Andrew Cudworth

Software Engineer AB-Inbev



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in LinkedIn



ABOUT

Computer Science Master's Student graduating in August 2020. 4 years professional experience in supply chain software implementation.



EXPERIENCE

Software Engineer

October 2021 — Invalid date O Invalid date

words

- - Azure Architecture
- - Release Engineering
- - Web App Development

Graduate Teaching Assistant

January 2019 — May 2021 ② 2 years

Course ID 6340

- -Grade Assignments
- -Respond to Student Queries
- -Hold Weekly Office Hours

Course Content:

https://www.udacity.com/course/software-analysis-testing--ud333

Graduate Student

August 2018 — August 2020 **②** 2 years

Business Operations Engineer

October 2020 — November 2021 ② a year

- Splunk: software defined event code based alerting and dashboarding; log analysis
- Xedia Labs XLR release orchestration: automating tasks in Jenkins, Bitbucket, host SSH, BMC
- IBM Mainframe to Pivotal Cloud Foundry file transfer infrastructure Migration Support

Associate Product Manager

January 2018 — June 2018 ⊙ 5 months

Associate Manager Transportation Systems

January 2017 — December 2017 ② a year

Responsibilities:

- Transportation Operational KPI Data specialist; deep knowledge of data sources and strategic value
- Cross product and cross functional project execution via roadmap planning and direct support/implementation
- Drive short and long term initiatives supporting department and company goals centered around systems/software product improvements

Projects:

Operational Carrier Communication Software Improvement

- Centralized Real Team View of Trailer loading status UI across 15 buildings
- Automate email communication process for trailer tendering via UI + UX
- Minimum Viable Product rollout across 15 buildings via 6 person operational team members
- Define Requirements and drive development with 1 product manager and 4 engineering associates for short and long term product requirements

Operational Data Store DB KPI Migration

- Coordinate KPI migration from Teradata Pull model DB to Elasticsearch Push model
- Define and gather data needs for On Time Delivery and Network Transit Capability calculations
- Identify data source products and partners; Ensure push from product to Elasticsearch DB
- Finalize definitions and understandings for searchable Oracle Reporting DB
- Document and organize transition across 5 KPI team members, 3 engineering associates and 4 product manager

Cross Functional Partners:

- WMT internal Order Managements Product
- WMT internal Package tracking software
- WMT internal Reporting DBs (Oracle, Teradata, Elasticsearch)
- WMT internal Warehouse Management products +External (SSI ANT)
- 6 Person transportation operational management team across 15 buildings
- Walmart Labs TOPs software engineering team + Product Manager

Software Consultant #

August 2014 — January 2017 ^② 2 years

Major Projects/Clients:

Americans Eagle Omni Channel Warehouse Upgrade

Summary:

- Supported DTC-Retail warehouse WMi system merge onsite and remote over 11 months
- Upgrade from 2010 to 2013 Warehouse Management i-series code base
- Coordinated with 4 member US based consulting team, 2 US based analysts and 2 India based analysts for software design, testing, installation and support for over 25 individual extensions and base code.

Testing:

- Tested and delivered over 25 individual software extensions on WMI-2013 platform
- Created over 25 testing documents and updates extension specifications for changes made while testing
- Documented base and custom configuration creating 8 specification documents for initial warehouse setup

Go-Live Support

- Resolved live warehouse issues on site during software testing and installation over 3 month time frame
- Interfaced with client partner MHE and host vendors ensuring accuracy across 3 separate software channels
- Continued issue support on and off site with project team addressing over 600 issues from testing to hand off

Secondary Clients: Allen Edmonds, Polo Ralph Lauren

• Testing support at peak development and delivery phases of WM-i upgrades

AmerisourceBergen: Ground-Up Warehouse Implementation June 2016-November 2016 Summary:

- Acted as lead consultant on a new warehouse environment design, testing, and implementation budget >\$1M
- Aligned software and process document delivery with new warehouse construction schedule
- Created inventory flow and user tracking process documents for end to end warehouse process
- Managed a team of 1 consultant and 1 analyst for configuration tracking and implementation

Secondary Clients: Allen Edmonds, Polo Ralph Lauren

Internal Trainings:

SQL level ii (instructor) WMi 2015 Key Features & Additional Features, Managing your Workload with Outlook, Excel Features and Formulas: Intermediate

Engineering Intern

May 2013 — August 2013 **②** 3 months

- Support safety analysis division with implementation of FLEX contracts
- Prepare technical reports including SFPI Dosage and NRC submissions

- Research EPA and NRC regulations in connection to FLEX projects
- Track ENERCON progress on NRC requests for additional information

Large Truck/ Diesel Generator Specification Recommendation

- Recommend truck and trailer combinations for nuclear plant emergency response
- Analyzed truck and generator combinations for effective towing and implementation
- Communicated client needs and concerns to equipment vendors

Resident Assistant

August 2011 — May 2013 **②** 2 years

- Manage a floor of 44 residents living in campus housing and act as a mentor and coach
- Responded as first point of contact for emergencies and maintain safe living conditions



PROJECTS

Atlanta Habitat for Humanity, Volunteer/Skilled Supervisor

August 2014 — December 2017 **②** 3 years

Home Ownserhip Focused Charity



EDUCATION

Computer Science, Master's degree

2018 — 2020 **②** 2 years

Georgia Institute of Technology

Mechanical Engineering, Bachelor's degree

2010 — 2014 **②** 4 years

Georgia Institute of Technology



React.js

Data Analysis

Python	
Machine Learning	#
Georgia Institute of Technology	#
Microsoft Excel	#
Teradata SQL	#
SQL	#
Engineering Management	
Leadership	
Teamwork	
Knime	
Predictive Maintenance	#
Software Analysis	#
Warehouse Management Systems	#
Software Testing	#
Time Management	#
Engineering	#
C++	#
Communication	

Supply Chain Operations	
Microsoft Word	
NumPy	
Java	
Not Afraid of Bears	
Tableau	
Supply Chain Software	
Supply Chain Consulting	
PowerPoint	
Pandas (Software)	
Testing	
Public Speaking	
Microsoft Office	
PL/SQL	
Datalog	
Supply Chain Management	
Matlab	
Reinforcement Learning	

