

Andrew Cudworth, Software Engineer AB-Inbev

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

EXPERIENCE, Software Engineer

2021-10-31 — present

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

, Graduate Teaching Assistant

2019-01-31 — 2021-05-31

- 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

2018-08-31 — 2020-08-31

, Business Operations Engineer

2020-10-31 — 2021-11-30

- • 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

2018-01-31 — 2018-06-30

, Associate Manager Transportation Systems

2017-01-31 — 2017-12-31

- 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 Time 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

2014-08-31 — 2017-01-31

- 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

2013-05-31 — 2013-08-31

- • 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

2011-08-31 — 2013-05-31

- • 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

VOLUNTEERINGAtlanta Habitat for Humanity, Volunteer/Skilled Supervisor

- Home Ownership Focused Charity

2014-08-31 — 2017-12-31

EDUCATIONGeorgia Institute of Technology

2018-12-31 — 2020-12-31

Master's degree - Computer Science

Georgia Institute of Technology

2010-12-31 — 2014-12-31

Bachelor's degree - Mechanical Engineering

SKILLSReact.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:
Data Science:
HTML:
WMI:
Oracle SQL Developer:
Product Development:
Management: