

# Andrew Cudworth

Software Engineer AB-Inbev

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LinkedIn

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## Work

### **2021-10-31 - present** **Software Engineer**

words

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

### **2019-01-31 - 2021-05-31** **Graduate Teaching Assistant**

Course ID 6340 -Grade Assignments -Respond to Student Queries -Hold Weekly Office Hours Course Content:  
<https://www.udacity.com/course/software-analysis-testing--ud333>

### **2018-08-31 - 2020-08-31** **Graduate Student**

### **2020-10-31 - 2021-11-30** **Business Operations Engineer**

• 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

### **2018-01-31 - 2018-06-30** **Associate Product Manager**

### **2017-01-31 - 2017-12-31** **Associate Manager Transportation Systems**

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

### **2014-08-31 - 2017-01-31**

## Software Consultant

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

**2013-05-31 - 2013-08-31**

### Engineering Intern

• 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

**2011-08-31 - 2013-05-31**

### Resident Assistant

• 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

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## Volunteer

**2014-08-31 - 2017-12-31**

### Atlanta Habitat for Humanity

### Volunteer/Skilled Supervisor

Home Ownership Focused Charity

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## Education

**2018-12-31 - 2020-12-31**

### Georgia Institute of Technology

### Computer Science

### Master's degree

**2010-12-31 - 2014-12-31**

### Georgia Institute of Technology

### Mechanical Engineering

### Bachelor's degree

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## Skills

- > 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
- > Data Science
- > HTML
- > WMI
- > Oracle SQL Developer
- > Product Development
- > Management

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## Languages

English **Native Speaker**

