

# Andrew Cudworth

## SOFTWARE ENGINEER AB-INBEV

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🏠 United States  
US



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



## WORK 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



## VOLUNTEER

**Atlanta Habitat for Humanity**

Volunteer/Skilled Supervisor

2014-08-31 - 2017-12-31

Home Ownserhip Focused Charity



## EDUCATION

**Georgia Institute of Technology**

Computer Science

**Master's degree**

2018-12-31 - 2020-12-31

**Georgia Institute of Technology**

Mechanical Engineering

Bachelor's degree

2010-12-31 - 2014-12-31



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



# LANGUAGES

English

*Native Speaker*