

Andrew Cudworth

Software Engineer AB-Inbev

United States, US

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🌐 [andrew-cudworth-a594223a](#)

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

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	

WORK EXPERIENCE (9)

Software Engineer at Anheuser-Busch

Oct 2021 - Invalid date

📍 St Louis, Missouri, United States, words

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

Graduate Teaching Assistant at Georgia Institute of Technology

Jan 2019 - May 2021

📍 Online,
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 at Georgia Institute of Technology

Aug 2018 - Aug 2020

Business Operations Engineer at Mastercard

Oct 2020 - Nov 2021

- 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 at Walmart eCommerce

Jan 2018 - Jun 2018

📍 San Bruno CA,

Associate Manager Transportation Systems at Walmart Global eCommerce

Jan 2017 - Dec 2017

📍 San Bruno, CA,

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 at Manhattan Associates

Aug 2014 - Jan 2017

📍 2300 Windy Ridge Parkway NW,

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 at Enercon Services

May 2013 - Aug 2013

📍 **Kennesaw, GA,**

- 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 at Georgia Tech Department of Housing

Aug 2011 - May 2013

📍 **Atlanta Georgia,**

- 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

Volunteer/Skilled Supervisor at Atlanta Habitat for Humanity

Aug 2014 - Dec 2017

Home Ownership Focused Charity

EDUCATION (2)

Master's degree Computer Science at Georgia Institute of Technology

2018 - 2020

Bachelor's degree Mechanical Engineering at Georgia Institute of Technology

2010 - 2014

CERTIFICATES

Python Programming: Intermediate

Dataquest.io

🔗 https://www.dataquest.io/verify_cert/HHHUT0V6CNTA8EC111PC/

Python for Data Science

General Assembly

Microsoft Certified: Azure Fundamentals

Microsoft

🔗 https://www.credly.com/badges/09671538-b96d-4e0c-9d7d-2bd598bab771?source=linked_in_profile

Microsoft Certified: Power Platform Fundamentals

Microsoft

 https://www.credly.com/badges/9f1b3c7e-81fa-4d81-93f3-1f9bf3c3f137?source=linked_in_profile

Microsoft Certified: Azure Developer Associate

Microsoft

 https://www.credly.com/badges/559aae8d-3cf9-4987-a53a-88b5a13132ce?source=linked_in_profile

Microsoft Certified: DevOps Engineer Expert

Microsoft

 https://www.credly.com/badges/3c9029d7-aa4f-4d9f-98b0-720b8e815b0d/public_url

LANGUAGES

English

Native Speaker

