

# Andrew Cudworth

## Software Engineer AB-Inbev

acudworth3@gmail.com

United States of America

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

### Experience

#### Software Engineer

Anheuser-Busch · St Louis, Missouri, United States

words

- Azure Architecture
- Release Engineering
- Web App Development

Oct 2021 - Invalid date

#### Graduate Teaching Assistant

Georgia Institute of Technology · 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>

Jan 2019 - May 2021

#### Graduate Student

Georgia Institute of Technology

Aug 2018 - Aug 2020

#### Business Operations Engineer

Mastercard

• 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

Oct 2020 - Nov 2021

#### Associate Product Manager

Walmart eCommerce · San Bruno CA

Jan 2018 - Jun 2018

#### Associate Manager Transportation Systems

Walmart Global eCommerce · San Bruno, CA

Jan 2017 - Dec 2017

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

### Skills

React.js	Supply Chain Operations
Data Analysis	Microsoft Word
Python	NumPy
Machine Learning	Java
Georgia Institute of Technology	Not Afraid of Bears
Microsoft Excel	Tableau
Teradata SQL	Supply Chain Software
SQL	Supply Chain Consulting
Engineering Management	PowerPoint
Leadership	Pandas (Software)
Teamwork	Testing
Knime	Public Speaking
Predictive Maintenance	Microsoft Office
Software Analysis	PL/SQL
Warehouse Management Systems	Datalog
Software Testing	Supply Chain Management
Time Management	Matlab
Engineering	Reinforcement Learning
c++	Data Science
Communication	HTML
	WMI

Software Consultant

Aug 2014 - Jan 2017

Manhattan Associates · 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

May 2013 - Aug 2013

Enercon Services · 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

Aug 2011 - May 2013

Georgia Tech Department of Housing · 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

Aug 2014 - Dec 2017

Atlanta Habitat for Humanity

Home Ownership Focused Charity

Oracle SQL Developer      Product Development  
Management

Education

Master's degree, Computer Science  
Georgia Institute of Technology  
  
Bachelor's degree, Mechanical Engineering  
Georgia Institute of Technology

Certificates

Python Programming: Intermediate  
Dataquest.io  
  
Python for Data Science  
General Assembly  
  
Microsoft Certified: Azure Fundamentals  
Microsoft  
  
Microsoft Certified: Power Platform Fundamentals  
Microsoft  
  
Microsoft Certified: Azure Developer Associate  
Microsoft  
  
Microsoft Certified: DevOps Engineer Expert  
Microsoft

Languages

English · Native Speaker

Links

linkedin.com/in/andrew-cudworth-a594223a