

# Andrew Cudworth

Software Engineer AB-Inbev

## CONTACT

Email [acudworth3@gmail.com](mailto:acudworth3@gmail.com)

## LOCATION

Address United States

## PROFESSIONAL SKILLS SUMMARY

**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

Software Engineer:

2021-10-31 TO PRESENT	<p>words</p> <ul style="list-style-type: none"> <li>• Azure Architecture</li> <li>• Release Engineering</li> <li>• Web App</li> <li>• developmentD</li> </ul>
2019-01-31 TO 2021-05-31	<p><b>Graduate Teaching Assistant:</b></p> <p>Course ID 6340 -Grade Assignments -Respond to Student Queries -Hold Weekly Office Hours Course Content: <a href="https://www.udacity.com/course/software-analysis-testing--ud333">https://www.udacity.com/course/software-analysis-testing--ud333</a></p>
2018-08-31 TO 2020-08-31	<p><b>Graduate Student:</b></p>
2020-10-31 TO 2021-11-30	<p><b>Business Operations Engineer:</b></p> <ul style="list-style-type: none"> <li>• Splunk: software defined event code based alerting and dashboarding; log analysis</li> <li>• Xedia Labs XLR release orchestration: automating tasks in Jenkins, Bitbucket, host SSH, BMC</li> <li>• IBM Mainframe to Pivotal Cloud Foundry file transfer infrastructure Migration Support</li> </ul>
2018-01-31 TO 2018-06-30	<p><b>Associate Product Manager:</b></p>
2017-01-31 TO 2017-12-31	<p><b>Associate Manager Transportation Systems:</b></p> <p>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</p>
2014-08-31 TO 2017-01-31	<p><b>Software Consultant:</b></p> <p>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 &gt;\$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 &amp; Additional Features, Managing your Workload with Outlook, Excel Features and Formulas: Intermediate</p>
2013-05-31 TO 2013-08-31	<p><b>Engineering Intern:</b></p> <ul style="list-style-type: none"> <li>• Support safety analysis division with implementation of FLEX contracts</li> <li>• Prepare technical reports including SFPI Dosage and NRC submissions</li> <li>• Research EPA and NRC regulations in connection to FLEX projects</li> <li>• Track ENERCON progress on NRC requests for additional information Large Truck/ Diesel Generator Specification Recommendation</li> <li>• Recommend truck and trailer combinations for nuclear plant emergency response</li> <li>• Analyzed truck and generator combinations for effective towing and implementation</li> <li>• Communicated client needs and concerns to equipment vendors</li> </ul>

2011-08-31 to 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

EDUCATION

2018-12-31 to 2020-12-31

Georgia Institute of Technology

- Master's degree: *Computer Science*

2010-12-31 to 2014-12-31

Georgia Institute of Technology

- Bachelor's degree: *Mechanical Engineering*

VOLUNTEERING

2014-08-31 to 2017-12-31

Atlanta Habitat for Humanity

Home Ownership Focused Charity

LANGUAGES

English

Native Speaker

PROFILES

[LinkedIn](#)