

# Ben Heller

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## SKILLS

### PROGRAMMING

SQL / NoSQL (MySQL, MongoDB, SQLite)  
 Machine Learning (Regression, NLP)  
 JavaScript (D3.js), HTML, and CSS  
 Python and Jupyter Notebook  
 VBA  
 R

### SOFTWARE/PLATFORMS

Adobe Audience Manager (AAM)  
 Amazon Web Services (AWS)  
 Google Analytics (GA)  
 The Trade Desk (TTD)  
 Microsoft Office  
 Git and Github  
 LiveRamp (LR)  
 Tableau  
 AS/400  
 Linux  
 QGIS

### EQUIPMENT

Shimadzu SALD-2300 Particle Size  
 Perkin-Elmer Spectrum 100 FT-IR  
 Mitutoyo Surfest SJ-301  
 BYK Haze-Gard Plus  
 Cary 50 UV-VIS

## EDUCATION

### BS, CHEMISTRY

KENNESAW STATE UNIVERSITY  
 May 2013 | Kennesaw, GA

## EXPERIENCE

### GEORGIA TECH | TEACHING ASSISTANT

Aug 2018 – Present | Atlanta, GA

- Supervised **24-week Data Analysis and Visualization** course at Georgia Tech
- Primary focus on Pythonic implementation of various applications (Pandas, SQLAlchemy, Flask, etc.)

### CLICKAGY | DATA ANALYST

Aug 2017 – Aug 2018 | Alpharetta, GA

- **Data Analysis and Visualization**
  - Composed library of procedures to limit common departmental query errors, resulting in a 13% monthly cost reduction (AWS)
  - Developed bot-hunting algorithms to minimize click fraud, resulting in a modest CPC reduction of 4% across 10+ campaigns (AWS/ GA)
  - Integrated novel data visualization techniques and statistical analysis into five major campaigns (R / Microsoft Office)
- **Audience Strategy and Client Services**
  - Completed overhaul of **3300+ entry company taxonomy**
  - Created custom audiences and managed ad spend for 20+ client campaigns (LR, TTD, AAM)

### Q.E.P. CO., INC. | SENIOR CHEMIST

Feb 2015 – Jun 2017 | Dalton, GA

- **R&D Chemist**
  - Developed **two green adhesives** from preliminary market analysis to full scale up and production
  - Overhauled 150+ SDS document library to meet 2016 GHS guidelines
- **Plant Chemist**
  - Reformulated legacy adhesives to minimize cost, reduce lead time, and offset hazardous materials with safer alternatives
  - Implemented several maintenance and improvement projects at the departmental and plant level, resulting in the conversion of 35,000+ lbs of waste to viable product, and a 7% reduction in plant downtime

### KIMOTO TECH INC. | R&D CHEMIST

Oct 2013 – Feb 2015 | Cedartown, GA

- Developed three coatings with a primary focus on solventborne urethanes and PSAs and additional work in waterborne CP films
- Performed analytical and physical testing (UV-VIS, FT-IR, particle size, contact angle) for QA, research, and engineering purposes
- Assisted in plant production and troubleshooting issues

### GLOBAL TECHNOLOGY SERVICES | TECHNICIAN

May 2013 – Oct 2013 | Kennesaw, GA

- Received pre-graduation offer from company as a result of extremely positive interview
- Analyzed, repaired, and refurbished various computer hardware and software systems