

Ben Heller

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SKILLS

PROGRAMMING

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

SOFTWARE/PLATFORMS

Adobe Audience Manager (AAM)
 Amazon Web Services (AWS)
 Google Analytics (GA)
 The Trade Desk (TTD)
 Git and Github
 Salesforce (SF)
 LiveRamp (LR)
 Tableau (TB)
 AS/400 (A4)
 Linux (LX)

EQUIPMENT

Perkin-Elmer Spectrum 100 FT-IR (FTIR)
 Shimadzu SALD-2300 Particle Size (PS)
 Mitutoyo Surfest SJ-301 (SFTST)
 BYK Haze-Gard Plus (TTM)
 Cary 50 UV-VIS (UVVIS)

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.)
- Additional topics include Excel, VBA, D3, R, and Tableau

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 (Excel, VBA, TB, R)
- **Audience Strategy and Client Services**
 - Completed overhaul of **3300+ entry company taxonomy** (Excel, VBA)
 - Created custom audiences and managed ad spend for 20+ client campaigns (LR, TTD, AAM, SF)
 - Streamlined client onboarding by creating documentation for standard use cases (JS, AWS, LR)

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
 - Developed library of VBA macros in order to analyze plant production data and better visualize trends in research data (Excel / VBA)
- **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 (A4, LX)

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 (Excel)
- Performed analytical and physical testing to aid research and engineering work (FTIR, PS, SFTST, TTM, UVVIS)
- Assisted in plant production and troubleshooting issues

GLOBAL TECHNOLOGY SERVICES | TECHNICIAN

May 2013 – Oct 2013 | Kennesaw, GA

- Analyzed, repaired, and refurbished various computer hardware and software systems (Excel, LX)