

## **Bryon Severns**

5505 Grenada Dr, Fort Worth, TX 76119, 682-216-4821, bryon.severns@gmail.com

*Software Developer (self employed):* Jun 2015-present

**ALPHABRY LLC**, Fort Worth, TX

Website development with Django, Python, HTML, PHP, and MySQL for database connected websites.

Data Science with Python, Jupyter Notebook, Anaconda, NumPy, Pandas, Seaborn, Matplotlib, Scikit-Learn, Machine Learning, and Tensorflow. Access data from CSV, SQL, HTML and Excel. Object oriented coding.

Android development of predictive analytics applications with Java, XML, and JSON.

*Environmental Field Chemist:* June 2019-present

**TRADEBE ENVIRONMENTAL LLC**, 2516 Minnis Dr, Ste 100, Haltom City, TX

Supervisor: David Bernard, Operations Manager, 682-240-8817

Duties: Facilitate compliance with OSHA (29 CFR 1910), ISO14001, EPA, RCRA, DOT, and FMCSA in collection and disposal of hazardous waste with attention to detail in creating Hazardous Waste Manifests and reading SDS. Perform lab packs and Household Hazardous Waste collection. Read monthly and weekly Safety Training for group and discuss safety issues. Communicate with customers by phone and in person. Write emails (in Outlook), reports (in Word), create evacuation route for Emergency Action Plan (in Excel), and presentations (in PowerPoint). Enjoy collaborating in a team with coworkers and customers, but I can work independently. I and have performed Emergency Response for Hazmat spills and I have 40 hour HAZWOPER and 30 hour OSHA certifications. Certified forklift operator. Class A commercial driver's license with Hazmat at Tanker endorsements. Daily inspect facility and commercial vehicle regularly to ensure compliance with regulations and SOPs for safety and security.

*Water Systems Tech I, Surface Water License Class D from TCEQ:* June 2018-Dec 2018

**CITY OF FORT WORTH**, 1500 11th Ave, Fort Worth, TX 76102

Supervisor: Erik Irwin, 817-372-8070, erik.irwin@fortworthtexas.gov

Ensured compliance with TCEQ, EPA, OSHA and other regulations. Collected water samples, calibrated instruments and measured ozone concentration, pH, turbidity, ammonia, fluoride and temperature. Titrated water samples for chlorine, chloramines, alkalinity, calcium and total water hardness. Recorded data, created graphs (in Excel) and wrote reports. Adjusted water flow and added chemicals for treatment plant. Used SCADA to monitor plant and turn on/off valves and pumps. (Resigned, with good references.)

*Safety Officer and Lab Manager:* May 2014-May 2015

**OMM SCIENTIFIC INC**, 2600 N Stemmons Fwy, Ste129, Dallas, TX 75207

Supervisor: Don Stewart, PhD, 214-350-9156, don.stewart@ommscientific.com

Ensured compliance with ISO 9001, ISO 14001, EPA, RCRA, OSHA and other regulations. Trained a new lab technician in chemical hygiene and lab safety. Supervised

a lab technician. Improved lab safety. Trained new employees in use of LCMS, HPLC-UV, NMR and other instruments. Maintained lab and chemical inventory, disposed of hazardous waste. Wrote weekly reports. Method development for synthesis and analysis. (End of grant funding by US Navy and Air Force.)

*Adjunct Instructor, Chemistry Lab:* July 2013-Dec 2013

**TARRANT COUNTY COLLEGE**, Fort Worth, TX

Supervisor: John Coniglio, PhD, john.coniglio@tccd.edu

Instructed students in lab safety, chemical hygiene and supervised lab classes. Assisted ESL students and answered all questions. Prepared quizzes, administered exams and graded assignments. (Resigned, with good references.)

*Senior Scientist II, Medicinal Chemistry:* June 1993-June 2013

**ALCON LABORATORIES (NOVARTIS)**, Fort Worth, TX

Supervisor: Peter Klimko, PhD, 817-996-7790, peter.klimko@novartis.com

Ensured compliance with ISO9001, ISO 14001, SOPs, OSHA, RCRA, EPA, and other regulations. Wrote SOPs, monthly reports, Technical Reports, patent applications and publications. Maintained lab and chemical inventory, disposed of hazardous waste. Synthetic organic medicinal chemist invented new medications for treatment of eye diseases and I have four patents and numerous patent applications and publications. Analysis of chemicals by LCMS, HPLC-UV, NMR. Presented at weekly and monthly meetings. (Laid off.)

**AWS Certified Cloud Practitioner**, 2020

**Master of Science, Chemistry**, New Mexico State University, 1993

**Bachelor of Science, Chemistry**, University of Oregon, 1990

Office Skills: MS Office (Outlook, Word, PowerPoint, Excel, Teams), Google Docs, Google Drive, Google Sheets, pc computer, Windows, scanner/fax/printer, Zoom meetings.