

Ryan Rose

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(208) 989-0335

WORK EXPERIENCE:

Cardinal Health Contractor - APEX Systems | Validation Engineer *May 2021 - Current*

- Validation of new procedures to prevent cross-contamination of drug combination products during manufacturing processes.
- Assisting Quality Assurance with solving non-conformances issues.
- Initiating change orders for process changes through the Documentation Management System.

U.S Army | Human Intelligence Collector (Prior TS/SCI) *August 2008 - January 2015*

- Utilized multiple intelligence driven software to create intelligence products and software while operating in Wiesbaden AAF, GE.
- Deployed to Afghanistan in 2012 conducting intelligence collection within tight deadlines in a fast-paced atmosphere.
- Responsible for the security, maintenance, and distribution of high-value sensitive items. Upon annual inspection was awarded for the highest inspection score for Fort Lewis, Wa.

UNDERGRADUATE RESEARCH EXPERIENCE:

University of Texas at San Antonio | Macromolecular Bio-Interfaces Lab *May 2019 - May 2020*

Undergraduate Research Asst. / PI: Dr. Gabriela Romero Uribe – San Antonio, TX

- Conducted research pertaining to magnetic bio-scaffolding to increase cell proliferation through magnetic stimulation.
- Trained in sterile/aseptic cell culture techniques as well as fluorescent and Scanning Electron Microscopy.
- Executed research techniques, procedures, and tests pertaining to cell culture and bio-scaffold synthesis.

University of Texas at San Antonio | Biophotonics Lab - 20 hrs/week *June 2017 – August 2018*

Undergraduate Research Asst. / PI: Dr. Jing Yong Ye – San Antonio, TX

- Coordinated with principal investigator in the field of Biophotonics to develop an anterior eye imaging device for sensing oxygen saturation.
- Self-educated in MATLAB programming and SolidWorks modeling.
- Presented Research at CIMA-LSAMP Symposium.

SKILLS:

- **Laboratory Techniques:** Mammalian Cell Culture, Fluorescence Microscopy, Scanning Electron Microscopy.
- **Computational Experience:** Programming (Javascript/React.js/MATLAB), Microsoft (Word/Excel/Powerpoint), SolidWorks, ImageJ.

EDUCATION:

The University of Texas at San Antonio
BS in Biomedical Engineering, Honors

Graduated - May 2020