**Sally Alvarenga**

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**EDUCATION**

**Bachelor of Science in Biomedical Engineer**  GraduatedSpring 2020

***Emphasis: Tissue Imaging***

University of Texas at Arlington

**QUALIFICATIONS AND RELEVANT COURSEWORK**

* Proficient in C, Matlab, SolidWorks, ExoCAD, Adobe Illustrator, AutoDesk NetFab, and Object Studio
* Advanced Skills in Microsoft Excel and Microsoft Word, Shinning 3D Scanners
* Leadership Honors Institute Certified (2016)
* Fluent in Spanish (reading and writing)

**WORK EXPERIENCE**

* **Cadmus Dental – Production Manager and Office Manager.** Summer 2019 - Current

As one of three key members of this startup company, I directed and oversaw the fabrication of all products offered and I created weekly production reports that reflected all actives for our investors. I was also trained in all QMS procedures and paperwork required by the FDA for the creation and filing for our 510(k). I supervised and managed a team of up to eight technicians, ranging from high schoolers to graduate students. I was also solely responsible for the use and maintenance of three types of industrial 3D dental printers and 2 types of Dental Scanners.

In addition to production responsibilities, I handled all office responsibilities. I created inventory and productivity logs to measure expenses and workflow productivity. I kept up with scheduling and re-order requests. I created almost all marketing and promotional material for both our clients to use in their practices and for our own marketing purposes. I also managed and recorded all billing and payments incurred by the company through the use of QuickBooks and Microsoft Excel.

* **Cadmus Dental – Internship, Arlington, TX** 2017-2019

At this dental technology start-up company, I assisted by collected data from dental molds through the use of scanning with imaging software, contributed to the development of new mold designs through the use of 3D printing, and helped advance their clientele with basic marketing techniques.

* **Seasonal Sales Associate of Swarovski, Grand Prairie, TX** 10/2017-1/2018

Informed potential consumers about our product and assisted customers to choose and purchase items. Responsible for the record keep of sales at the end of the day and for locking up the store and writing a sales report for the day.

**LEADERSHIP EXPERIENCE and PROJECTS**

* **Senior Design Project – Multiplex Lateral Flow Paper Strip for Microbial Detection**

Designed and fabricated a paper strip that could detect the presence of both E. coli and S. aureus at the same time. This lateral flow device used specific antibodies and quantum dots to create a fast and reliable detection device that could be used in any medical setting.

* **Student Governance Supreme Court Justice**  Spring 2018 – Fall 2019

Served on a hearing panel for student organizations requesting funding through the Program Assistance Fund, disputes in the other two branches of Student Government, and any election code violations during Campus Election.

* **Student Governance Chair of Election Supervisory Board** Fall 2017

Organized and executed campus elections at UTA while increasing overall student participation and developing new event ideas to teach and promote information.

* **Vice President of Freshman Leaders on Campus** 2016-2017

Assisted in organization, planning, and execution of various activities for over 50 members, as well as conducted weekly meetings with the leadership and general body

**HONORS**

* Awarded Justice Spotlight for the month of January and September 2018
* Awarded Mentee Excellence in Maverick Mentors Spring 2017