

# ALEXANDER CAPALDO

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capaldo.io

## Education

### Indiana University

MASTERS IN MEDICAL SCIENCES

### Florida International University

BACHELOR OF ARTS IN HEALTH SCIENCES

## Work Experience

### Medical Scribe

BAPTIST HEALTH

2016 – 2020

- Documented lab results, histories, medications, and doctor-patient interactions.
- Translated from English-Spanish and Spanish-English.
- Worked in urgent cares, private offices, emergency rooms, outpatient and inpatient surgical settings.
- Specialties include Family/Internal/Emergency Medicine, General Surgery, Cardiology, Gastroenterology.

### Clinical Data Analyst

BAPTIST HEALTH

2018 – 2020

- Automated chart creation for physicians and scribes utilizing Regex, keyboard event APIs, and Dragon.
- Automated chart reviews with machine learning based optical character recognition models.
- Migrated office operations and communications onto an Airtable database.
- Leveraged forecasting models for patient census to support staffing decisions.
- Designed, tested, and maintained Tableau dashboards.
- Assisted in creating chart templates for all specialties and settings system-wide.
- Served as a liaison between data warehouse and physician group leadership.

### Scribe Supervisor

BAPTIST HEALTH

2017 – 2018

- Supervised 60 scribes across 7 urgent care sites.
- Spearheaded the transition from T-System to Cerner.
- Tasked with scheduling and crisis management for physicians and scribes.
- Worked with clients to expand scribe roles and determine staffing needs.

## Skills

### Languages

English

Spanish

### Programming

Swift

Python

Javascript

HTML

CSS

LaTeX

### Databases

Diveport / ProDiver

Tableau

SQL / SQLite

Airtable

### Technologies

bash / zsh

git

Github / Gitlab

AppleScript

Markdown

### Software

Jupyter

Cerner

T-System

Dragon Dictation

Microsoft Office Suite

### Compliance

HIPAA

GMP / GLP

### Certifications

CPR

AED

First Aid

MS Office Specialist

## Research & Lab Experience

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### Targeting TCDS to discover antibiotics against bacterial DNA gyrase

2015 – 2018

DR. FENFEI LENG

*Implemented a fluorescence assay protocol for the discovery of bactericidal molecules.*

### Over-the-counter vitamin content analysis with HPLC

2015 – 2016

DR. GEORGINA HART

*Developed procedures to analyze store-bought vitamins.*

### General and organic chemistry curriculum development

2014 – 2015

DR. GEORGINA HART

*Created lab experiments with a quantitative grading scale for students.*

### Carbon and boron nitride nanotubes

2014 – 2015

DR. SERVANDO MUÑOZ

*Prepared presentations and grant applications for lab funding.*

## Internships & Volunteering

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### Quality Control Intern

2014 – 2015

SWITCHBOARD OF MIAMI

*Developed a training and retraining program for behavioral analysts to improve counseling.*

### Suicide Hotline Volunteer

2013 – 2014

SWITCHBOARD OF MIAMI

*De-escalated suicidal individuals and directed them towards a care plan.*

### ER and IV Preparation Volunteer

2013 – 2014

BAPTIST HOSPITAL

*Assisted in labeling of medication and transportation of lab specimens.*

## Accolades & Memberships

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### Dean's List Recipient

2013 – 2019

10+ SEMESTERS

### Alpha Epsilon Delta Honor Society

2016 – 2017

MEMBER

### Medically Engaged Diverse Students

2016 – 2017

MEMBER

### Presidential Volunteer Service Award

2015 – 2016

GOLD LEVEL RECIPIENT

### Phi Theta Kappa Honor Society

2013 – 2015

MEMBER, TREASURER