**Vida Zare Majd**

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647-684-1027

**Education**

* Post-Secondary Degree in Software Engineering Present
  + **Centennial College**
* Bachelor of Medical Research and Technology May 2013
  + **University of Maryland, Baltimore**
* Biology Sep 2007
  + **University of Maryland Baltimore County**
* Pre- Medicine Sep 2006
  + **Howard Community College**

**Software Engineering Related Courses**

* C#, Java, JavaScript, Python, HTML, CSS.
* SQL Oracle.
* Software System Design.
* Web Interface Design.
* Client-side Web Development.
* Web Application Development: Nodejs, Express, MangoDB and Mangoose, Passportjs, Angular.
* Software Development Project.
* Software Testing and Quality.
* IT Project Management.

**Work experience in healthcare**

* **Piedmont Atlanta Hospital- Microbiology Department Sep2021- Dec 2021**
  + Epic Beaker Laboratory Information System
  + LabPro software
  + BacT/ALERT 3D Microbial Identification System
  + MALDI-TOF bacterial Identification System MALDI Biotyper CA
  + Responsible for monitoring Inventory and ordering in the Laboratory
  + Performed tests, Reviewed Results and Verified results in a timely manner
  + Operated instruments, investigation of issues, troubleshooting
* **Capstone Healthcare, Molecular/Genetics Laboratory June 2020- July 2021** 
  + **General Supervisor** 
    - Day-to-day supervision of operation, testing and reporting.
    - Reviewing Quality Control data, maintenance logs
    - LIMS
    - Updating Procedures and Policies
    - Monitoring analyses and specimen examinations
    - Performing and monitoring all testing
    - Prepping, executing and implementing tasks per CAP accreditation checklist
    - Implementing a facility-wide document control system using MediaLab
    - Overseeing completion of Competencies
    - Coordinating, maintaining and assisting in completion of Calibrations/certification or Proficiency testing when appropriate
    - Creating quality measures to improve products
    - Executing quality improvement testing and activities
    - Developing quality assurance standards and company processes
    - Creating standardized documentation of errors, issues and fixes
    - Operating day to day tasks, troubleshooting, instrument and software
* **Emory University Hospital, Microbiology Sep 2017- Feb 2021**
  + Member of Validation and feasibility team for VZV, HSV 1-2, PJP
  + Reading cultures, organism identification, performing suitable sensitivity testing, troubleshooting, clear communications to providers, drugs consultation.
  + Comparison study of Alere HIV1/2 Ag/Ab Combo test of Emory University Microbiology Laboratory
  + Media Lab CE: Admin for Microbiology Department at Emory University, COMPASS
  + CAP survey record tracker.
* **Emory University Hospital Midtown, Core Lab Jun 2013, Sep 2017**
  + **Key Operator**, Performed QC, Calibration, Troubleshooting, maintenance, Linearity studies, comparison studies, ensure result reliability, ensured sample quality and integrity, Dilutions.

**Clinical Rotations:**

* Clinical Chemistry Rotation at MedStar Montgomery Hospital Jan 2013-Feb 2013
* Hematology Rotation at An Arundel Medical Center Feb 2013-Mar 2013
* Clinical Microbiology Rotation at St. Agnes Hospital Mar 2013- Apr 2013
* Immunohematology Rotation at St. Agnes Hospital Apr 2013-May 2013

**Presentations and Teaching:**

* University of Maryland Open House Speaker Apr 2013
* Thalassemia Presentation atAn Arundel Medical Center Feb 2013
* University of Maryland High School Open House Mar 2012
* Northeast High School Human Performance Signature Celebration: Representing University of Maryland Medical and Research Technology May 2012
* University of Emory: Lecturer Oct 2019

**Certifications:** Phlebotomy Spring of 2011

**References:**

* **Francoise Barriere MS(ASCP)**

Technical Coordinator- Core Laboratory

Emory Healthcare

(404)901-2170

* **Martha Moore, MLS (ASCP)**

Laboratory Quality and Accreditation Specialist

Capstone Healthcare

(678)900-3933

* **Grier Banks, MTIII (ASCP)**

Supervisor- Microbiology

Emory Healthcare

Grier.banks@emoryhealthcare.org