

Vida Zare Majd

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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 Mongoose, 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 at An 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
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