

LIRIJE KABASHI

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To obtain an internship or co-op position while completing my education in Chemical Engineering

EDUCATION

UNIVERSITY OF SOUTH FLORIDA, Tampa, FL

Bachelors of Science, Chemical Engineering

anticipated spring 2017

PASCO-HERNANDO COMMUNITY COLLEGE, New Port Richey, FL

Associate of Arts

May 2009

RESEARCH EXPERIENCE

UNIVERSITY OF SOUTH FLORIDA

2011 - 2013

Bio Physics Department

- ◇ Researched potential experimental opportunities with professor; subsequently selected to participate in protein toxicity project.
- ◇ *Research Scope:* Assess the differential toxicity of amyloid aggregate (protein). Populations consisted of: Monomer (early stage), Oligomer (medium stage), and Protofibrillar (late stage).
- ◇ *Experiment/Research:* Utilize hen egg white lysozyme (protein) to grow amyloid fibrils in vitro under different growth conditions to produce monomeric fibrillar, oligomeric amyloid, or protofibrillar specimens. Teamed with 1 lab partners; interacted with the Byrd Alzheimer Institute to measure actual cell toxicity (1-2 times per week).
- ◇ *Results:* Documented findings submitted reports and participated in weekly update meetings with professors on experiment progress/status. During testing phase, detected error with dye component used to measure toxicity levels. Assisted with the research and resolution of it.

SKILLS

Light Scattering

- ◇ Static Light Scattering (SLS)
- ◇ Dynamic Light Scattering (DLS)

Protein & Cell Characterization

- ◇ Preparation and Purification of Proteins
- ◇ Growth of Amyloid Fibrils *in Vitro*
- ◇ Cell Culture and Cell Viability Assays

Optical Microscopy

- ~ Time Management
- ~ Research & Analysis
- ~ Cooperative Team Member
- ~ Customer Service

Spectroscopy

- ◇ Absorption Spectroscopy
- ◇ Fluorescence Spectroscopy

Computer

- ◇ MATLAB
- ◇ SIMULINK
- ◇ MS office

SaChE Certifications

- ~ Communication & Interpersonal Skills
- ~ Prioritizing Tasks/Projects
- ~ Resourceful, Creative & Diligent
- ~ Excellent Scientific Training

PROFESSIONAL BACKGROUND

STARBUCKS, New Port Richey, FL

2014 - Present

- ◇ Create a great working relationship with my coworkers.
- ◇ Operate cash registers/credit card terminals, work drive-thru, and prepare beverages.
- ◇ Provide exceptional customer service; resolve customer inquiries and/or concerns.
- ◇ Open/close responsibilities; ensure store properly stocked and prepared for next day.

CHICK-FIL-A, Trinity, FL

2005 - 2013

- ◇ Managed multiple catering orders and guest interactions.
- ◇ Maintained a professional attitude in high-pressure situations during peak hours: ensured accurate placement of staff in certain areas/stations and/or cash registers to facilitate workflow.
- ◇ Lead and trained new hires.

USF CHAPTER-BASED PROFESSIONAL AFFILIATIONS

- ◇ Society of Women Engineers, USF Chapter member; volunteer (2015-present)
- ◇ American Institute of Chemical Engineers, USF Chapter member; volunteer (2014-present)
- ◇ Albanian Community Center; cultural center volunteer (2009-present)