

# Abdulrahman Basha

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## EDUCATION:

- University of South Carolina (USC) Columbia, SC  
*Bachelor of Science in Biomedical Engineering | GPA: 3.48/4.00* May 2020

## SCHOLARSHIPS/ AWARDS:

- **Saudi Arabian Culture Mission (SACM)** April 2015 – May 2020
    - Full scholarship awarded based on academic standing to gain abroad experience in engineering
  - **Dean's List** 6 Semesters
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## EXPERIENCE:

- **Nephron Pharmaceuticals Corporation** Columbia, SC  
*Senior Design Research Project, R&D Volunteer* Aug 2019 – April 2020
    - Troubleshooted and resolved error messages received while aiming to commission Vial Inspecting Machines (VIMs) used to inspect vials manufactured using the Blow-Fill-Seal Technology
    - Analyzed large datasets obtained from the machines to approximate thresholds for twist-off torque values
    - Aided in writing a product development report to elaborate on test procedures for verifying product fill volume accuracy, vision system efficiency, and machine consistency
    - Contacted, arranged and negotiated quotes with the VIM manufacturing company in Germany, Rommelag, to visit Nephron's facility in Columbia, SC to perform software updates on the machines
    - Trained quality assurance personnel on how to operate the VIMs and how to troubleshoot possible errors within the machine
    - Developed a cost-analysis study to prove the financial effectiveness of utilizing the VIMs over manual inspection of vials
  - **Front desk Assistant** Jeddah, Saudi Arabia  
Almaqam Company for Hajj and Umrah Summer 2011 – 2019
    - First point of contact and directed phone calls to right personal.
    - Assisted with new member information and set up new accounts.
    - Worked once per year with religious event and handled any issues that came up Activities
  - **Wasel** Jeddah, Saudi Arabia  
*Volunteer.* Summer 2014
    - Worked as a Volunteer for organizing events for up to 200 people.
    - Assisted with finding seats.
    - Handled any issues that came up.
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## ACTIVITIES AND AFFILIATIONS:

- **Association of Saudi Arabian Students at USC** Columbia, SC  
*Treasurer:* Mar 2019 – May 2020
    - Managed financial affairs of the organization to fund for social and cultural events
    - Recorded detailed documentation of financial reports to monitor revenues and expenses
  - **Thinking Globally** Columbia, SC  
*International Ambassador:* Jan 2019 – May 2019
    - Promoted intercultural enlightenment through cultural presentations and round table discussions in the classroom for both college and K-12 students
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## SKILLS:

- Microsoft Office
- Fluent in English and Arabic
- Hospitality services
- Transporting files
- Problem resolution
- Creo Parametric software
- Laboratory operation
- Project management
- Statistical analysis
- Data collection
- Safety guidelines and procedures
- MATHLAB