

## EDUCATION

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2016 – 2018	<b>RICE UNIVERSITY, JONES GRADUATE SCHOOL OF BUSINESS</b> Candidate for Master of Business Administration (MBA) degree, May 2018 Concentrations: Marketing, Strategic Management <b>Millar Inc, Marketing and Strategy Consultant – Action Learning Project (ALP), Spring 2017</b> <ul style="list-style-type: none"><li>Developed a business strategy to introduce new and existing products to the clinical market</li><li>Conducted market research and surveyed clinical stakeholders to understand target segment needs</li></ul> <b>Marketing Plan Project for Medical Informatics Corp, Team Leader, Fall 2016</b> <ul style="list-style-type: none"><li>Led team of six students to provide recommendations for product marketing strategy for innovative remote patient monitoring solutions company; collaborated with Chief Marketing Officer and CEO</li><li>Performed industry and segmentation analyses and surveyed potential clients (clinicians, hospital IT, hospital administrators) to assess their telehealth needs</li></ul>	HOUSTON, TX
2009 – 2014	<b>DUKE UNIVERSITY, PRATT SCHOOL OF ENGINEERING</b> Master of Science (MS), Biomedical Engineering, May 2014 Bachelor of Science in Engineering (BSE), Biomedical Engineering, May 2013 Pratt Fellow, Chi Omega Philanthropy Chair, Dean's List (Spring 2011)	DURHAM, NC

## EXPERIENCE

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May 2017 – Aug 2017	<b>BOSTON SCIENTIFIC</b> MBA Intern – Product Management, Neuromodulation – Spinal Cord Stimulation <ul style="list-style-type: none"><li>Analyzed the utilization of surgical tools and accessories to provide a recommendation to improve demand forecasting; analyzed system portfolio to recommend a new patient-specific sales strategy</li><li>Conducted market research and Voice of Customer research on surgical tools and developed commercialization plan for a new surgical tool portfolio</li><li>Created product dashboards in Tableau for Marketing team to efficiently pull key metrics</li><li>Developed a business overview slide deck to present to vendors and potential customers</li></ul>	VALENCIA, CA
2014 – 2017	<b>TEXAS CHILDREN'S HOSPITAL</b> Biomedical Project Engineer, Critical Care Medicine <ul style="list-style-type: none"><li>Researched and identified medical device needs in collaboration with ICU clinicians; partnered with vendor representatives to lead device trials within units; led the selection and purchase process for new devices; conducted medical device planning for hospital's CareFirst 19-floor ICU expansion project</li><li>Performed quality improvement projects as well as clinical research projects to present to clinical leadership</li><li>Co-authored multiple quality improvement and clinical research publications/abstracts/posters to present at national/international clinical conferences: winner of 2016 SCCM Research Snapshot Award; co-author of pediatric cardiac patient outcomes manuscript published in the Journal of Pediatric Critical Care Medicine</li></ul>	HOUSTON, TX
2011 – 2014	<b>DUKE UNIVERSITY</b> Biomedical Device Innovation, Team Member (Jan 2014 – May 2014) <ul style="list-style-type: none"><li>Conducted needs assessment to improve patient care and outcomes through collaboration with physicians and nurses by shadowing vascular surgery unit of Duke Hospital</li><li>Collaborated with group of four students and designed novel vascular graft resistant to needle punctures</li></ul> Design for People with Disabilities, Team Member (Jan 2013 – May 2013) <ul style="list-style-type: none"><li>Worked with group of three students to develop a device to meet locomotor needs of real-life client with spinal cord injury</li><li>Successfully designed and developed wheelchair transfer device that allowed client to transfer from wheelchair to floor and back</li></ul> Pratt Undergraduate Research Fellow, Research Assistant – Sommer Lab (Jan 2011 – May 2013) <ul style="list-style-type: none"><li>Modeled visual stability in humans using Python-based neural network implementation in NAO robots</li><li>Co-authored published manuscript and posters presented in national neuroscience conferences, presented at Society for Neuroscience 2013</li></ul>	DURHAM, NC

## ADDITIONAL INFORMATION

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Languages: Spanish (fluent), Farsi (fluent)

Skills: Microsoft Office, Tableau, SPSS, MATLAB, Python, LabVIEW, Epic, Certified Six Sigma Lean Belt