

Education

Johns Hopkins University	(Expected)	2019
<ul style="list-style-type: none">Bachelors of Science in Biomedical Engineering, Bachelors of Science in Computer ScienceTau Beta Pi Engineering Honor Society, Alpha Eta Mu Beta Biomedical Engineering Honor SocietyGPA: 3.96, Deans List (3.5+)		

Relevant Experience

Neuro Data Design Team – Software Developer	Aug 2018 - present
<ul style="list-style-type: none">Contribute to Neuro Data's open source software by implementing multimodal unsupervised clustering.Apply machine learning to the Healthy Brain Network MRI data set to create a diagnostic aid for child anxiety.	
McKinsey & Co. – Business Analyst	Jun 2018 - Aug 2018
<ul style="list-style-type: none">Designed an enterprise-wide scaled agile transformation at a major corporation.Redesigned service operations for a medical device company resulting in efficiency gains.	
Optum, Inc. – Technology Business Analyst	Jun 2017 - Aug 2017
<ul style="list-style-type: none">Performed data analysis to determine potential areas for efficiency improvement.Coordinated cross-functional efforts to integrate business operations within enterprise technology.	
Chib Lab – Research Analyst	Aug 2016 - May 2017
<ul style="list-style-type: none">Utilized computational models (Matlab) to understand behavior in regards to performance based on incentives.Designed and implemented an interactive testing simulation.	
Plaqate - Engineer	Jan 2016 - Jan 2017
<ul style="list-style-type: none">Engineered a safer coronary atherectomy device to improve the revascularization of coronary arteries.Awards: Johns Hopkins Business Plan Competition 2nd Place, Venture Well Grant	

Leadership and Extra-Curricular

Alumni Student Ambassadors	Spring 2017 – Present
<ul style="list-style-type: none">Serve as the voice of the university to various constituents while interacting with alumni, trustees, and administrators to foster communication and university involvement.	
Biomedical Engineering Society Mentor	Fall 2016 – Present
Teaching Assistant - Biomedical Engineering Modeling and Design	Aug 2015 – Feb 2016
<ul style="list-style-type: none">Awards: David T. Yue Memorial Award for teaching excellence	
Teaching Assistant – Molecules and Cells	Aug 2018 – Feb 2018
Johns Hopkins Newsletter Staff and Editor	Fall 2015 - Fall 2018
<ul style="list-style-type: none">Coordinate staff writers, edit articles and publish utilizing InDesign, and manage a lab spotlight column.	
Alpha Phi Fraternity Member	Apr 2016 - Present
<ul style="list-style-type: none">Volunteer through Presidents Day of Service, Blue Jay 5K, Reading Partners tutoring, and women's heart health philanthropy events	

Skills

<u>Computer Languages and Tools:</u>	<u>Coursework:</u>
Matlab	Data Structures
Python (PyTorch, scikit-learn)	Artificial Intelligence
C++ and C	Machine Learning
Java (JUnit4 Testing)	Algorithms for Sensor Based Robotics
R	Project - Plagiarism Detector
Unix, Bash Shell Script (Makefiles and Test Scripts)	Project – Photo Editor (in C)
basic HTML, CSS and Javascript	Project – Deep Learning Image Classifier (Python)
<u>Laboratory Equipment:</u>	<u>Other:</u>
3D Profilometer,	Agile Certified
Dimension BSE 1200es 3D Printer	In Design