

## Education

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

## Relevant Experience

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

## Leadership and Extra-Curricular

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

## 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