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<https://rajibchowdhury.github.io/>

**EXPERIENCE** *CREOL Research Assistant* Spring 2020 - Present  
 College of Optics and Photonics, Orlando, FL

- Working with Dr. Yehuda Bramain to develop models of chaotic phenomena within arrays of superconducting Josephson junctions.
- Wrote numerical solver of nonlinear differential equations using Runge-Kutta and Euler's methods in the C programming language.
- Replicated figures from known literature and used gnuplot software to analyze time series data and guide analytic solutions to nonlinear systems of equations.

*Vice President of Books for Rwanda* Fall 2019 - Spring 2020  
University of Central Florida, Orlando, FL

- Worked with Student Government of UCF Executive Branch and SGLC to fundraise money and collect books for schoolchildren in Rwanda, providing over 500 books.
- Created a website and reached out to community leaders for support at [booksforrwanda.wixsite.com/website](https://booksforrwanda.wixsite.com/website)

<b>EXTRA- CURRICULAR SERVICE</b>	Kumon Tutoring Center, <i>Math and Reading Tutor</i>	2016 - 2017
	JFK Medical Center, <i>Volunteer</i>	2017 - 2018
	Max Planck Florida Institute for Neuroscience, <i>Visitor</i>	2017 - 2018