HPC Student Web Developer HPC Student Web Developer Graduate student in Computer Science Boulder, CO MS candidate in Computer Science at the University of Colorado at Boulder. Work Experience HPC Student Web Developer Research Computing, University of Colorado Boulder - Boulder, CO January 2018 to May 2018 Worked on Multi-Domain Analysis of User Data, specifically helped RC (Research Computing) evaluate and comprehend how end-users interact with RC resources, which in turn enabled the RC team to make data-driven decisions about the range and usefulness of their user-facing solutions (HTML, CSS, JavaScript, Python) Data Integration (Python) Intern National Snow and Ice Data Center - Boulder, CO June 2017 to August 2017 Built several widgets for and integrated the DIT (Data Integration tool) with Schefferville and Quebec Borehole Datasets, and developed the workflow manager. (Python) Junior Research Fellow (JRF) Raman Research Institute - Bengaluru August 2013 to January 2016 o Simulated ion trajectories using Wolfram Mathematica to check for stable confinement in an ion-trap potential and computed the errors for stable trajectories o Set up a Saturated Absorption Spectrum (SAS) for Cesium, obtained the fluorescence and analyzed the spectral line-widths o Set up an experimental arrangement and obtained the spatial spectra of a candle flame and worked towards a model to predict the temperature of the flame from the spectra Junior Research Fellow (JRF) Wolfram Mathematica August 2013 to August 2015 Quantum Interactions Laboratory, Light and Matter Physics Department Education Master of Science in Computer Science University of Colorado - Boulder, CO August 2016 to December 2018 Master of Science in Physics Indian Institute of Technology - Madras - Chennai, Tamil Nadu August 2010 to May 2012 Bachelor of Science in Physics Presidency College - Kolkata, West Bengal July 2007 to March 2010 Skills PYTHON (1 year), CSS (1 year), HTML (1 year), JAVASCRIPT (1 year), APACHE (Less than 1 year) Links http://www.linkedin.com/in/basakrajarshi https://github.com/basakrajarshi Awards Nistarini Dasi Book Prize 2009-01 Best maintained B.Sc. (Part 1) Physics Honors Laboratory Notebook in entire college, Presidency College, Kolkata Publications Data Integration Tool: Permafrost Data Debugging 2017-12 Event: 2017 AGU Fall Meeting, New Orleans, Lousiana, USA Effects of Biochemical fluctuations on cell motility in a model based on E. coli 2013-12 Event: ICTP-ICTS

Winter School on Quantitative Systems Biology at the International Centre for Theoretical Sciences (ICTS), IISC Campus, Bangalore, India. Additional Information TECHNICAL SKILLS   Programming languages, packages and tools: Python (Proficient), Java (Intermediate), C++ (Intermediate), , HTML, CSS, JavaScript, Mathematica (Expert), MATLAB (Expert), Eclipse (Intermediate), IntelliJ (Intermediate), PyCharm (Proficient), Spyder (Expert), PyTorch, TensorFlow, Keras, numpy, matplotlib, pandas, scikit-learn, NLTK, Git   Distributed technologies: Apache Hadoop, Apache Spark, Apache Storm, Apache Kafka, MVC, ElasticSearch   Database management systems: MySQL, MS SQL Server, Apache Cassandra

Name: Yolanda Smith

Email: brooke03@example.com

Phone: (317)461-7286