**Sushmita L. Axxxxx** Ph.D. 2nd year - Biomedical Engineering (NCSU)

**Industry interests:** ✓ Mentorship ✓ Internship ✓ Full-time position

**E-mail:** [allam@NCSU.edu](mailto:allam@NCSU.edu)

**Project title: MULTI-SCALE MODELING OF NEURAL SYSTEMS: FROM SYNAPSE TO** **NEURON**

**Project Supervisor:** Dr. Nelson Mandela (Change this to your PI)

**Project goal and Industry relevance:** We are developing a detailed computational model of synaptic interaction between realistic models of hippocampal neurons to understand how the non-linear dynamics at sub-synaptic elementary level can influence the neuronal spiking output higher in the hierarchical organization of neuronal networks. Computational modeling of neuronal pathways/interaction has significant role in drug designing/neuroprosthetic design in the industry. Testing these detailed models under several simulation paradigms gives a better insight into experimental design. We use high performance parallel computational framework for large-scale simulations for parameter optimization and sensitivity analysis. Programming languages: JAVA, Python, MATLAB.

**Other Relevant Information about me:**

Xthe the best lllll…..

**Honors and Awards:**

[n]

[…]

[3]

[2]

[1]

**Publications and Citations:**

[n]

[…]

[3]

[2]

[1]

**NAME**

City, State

Phone

[email@anderson.NCSU.edu](mailto:email@anderson.NCSU.edu)

**SUMMARY**

Describe the sum of your qualifications and experience in no more than 3-4 lines. Everything you write should be clearly substantiated in the body of the resume. Things to include are length and breadth of experience (number of years is optional), skill strengths, areas of expertise, functional specialties, knowledge areas. You may include personal traits, but avoid clichés.

**EDUCATION**

##### NCSU COLLEGE OF ENGINEERING Raleigh, NC

***Ph.D.., Emphasis/Concentration*** May 2017

* *Honors:* ………………more……………… more
* *Leadership*: ………………more……………… more
* *Membership*: ………………more……………… ………………more more………………

##### UNDERGRADUATE UNIVERSITY Location

B.S. (or equivalent), Major/Minor Graduation Date

* Other relevant information about your undergraduate education - honors, leadership, memberships, etc.
* More………………

**EXPERIENCE**

##### INTERNSHIP COMPANY/ORGANIZATION Location of Office

***Internship Title*** Dates of Internship

* Analyzed… and presented to senior management… implemented……………… more…………resulting in………… more… which will be implement in fall of 2008….
* Managed team of……………more……………… more… increasing revenue by XX% …more……………… more………………
* Other great things you did during the internship………………

##### COMPANY/ORGANIZATION 1 Location(s) of Office

***Title A*** Dates of Employment

* Supervised a team of……………… more………and executed the 2-month project……… more……………… more………resulting in new projects from clients worth over $MM ………
* Re-negotiated contracts with vendors worth over $MM ………………more…………. more……. which led to……… ……….. more
* Developed new marketing strategy and implemented………… more ……… increasing market share by XX%...
* Other great things you have done……………… more……………… more………………

**Title B** Dates of Employment

* Established new processes ………………more……………… more……… reducing downtime by XX% more……………… more……………… more………………
* Led a team of ….. in designing and executing….………………more……………… more……………… more………………
* Identified… more……and presented solutions to client’s senior management………… more………….. resulting in additional engagements worth $XXX,000 over 6 months….