

## Budget Justification

### **Personnel:**

Dr. Srihari will be responsible for overall project supervision, advisement of two doctoral students working on this project, coordination of data collection and incorporating the resulting material into the teaching curriculum. Dr. Srihari will devote 1.5 summer months to the project.

The graduate student will be responsible for the deep learning implementations using Theano, GPUS, etc.

Mary Jane Gallo will assist the PI with reports and other project related tasks.

### **Fringe Benefits:**

Fringe benefits are based on the rate schedule established by RF SUNY and rate increases have been included based on future RF rate projections.

### **Materials and Supplies:**

We request a NVIDIA GPU hardware and project supplies for the year – computer supplies, software, small computer needs and conference related materials that are related to and will arise throughout the duration of the project.

### **Travel:**

Dr. Srihari would be attending one domestic and one foreign conference per year. One in the area of machine learning and the other in forensics. Foreign Travel in year 1 (7/16-6/17) will be to ICML whose location is not yet announced. Presence at conferences allows PI to present results and obtain feedback on results.

Costs for travel include meals, lodging, air fare and ground transportation. All travel rates and per diems will fall under the current OMB regulations

**Computer Services:** This charge is based on usage of laboratory infrastructure including computing equipment, network connections, and printers. The usage factor takes into account the number of users and proportion of usage. The charges are calculated by taking the unit totals (% effort) and multiplying them by the per unit costs. The computer laboratory policy and formula are reviewed annually by the University Facilities Department. Please note that this charge is applied uniformly to all sponsors regardless of funding source.

**Other: Tuition:** Included in this charge is Graduate Student tuition which is based on \$589 per credit hour x 9 credit hours per semester for 2 student. Indirect Costs are not charged against tuition.