EE / CprE / SE 491
Machine Learning Heterogeneous Computing
Week 1 Report

Time: Jan 24 - Feb. 5
Client: JR Spidell
Faculty Advisor: Diane Rover

Team Members:

Sandro Panchame
Rudolph Nahra
Alek Comstock
Jeffery Kasper

Weekly Summary

- Each of us had a 1-on-1 meeting with our client, JR Spidell, to assess our individual skills and to assign each of us to a specialty area that we may feel more comfortable in and/or want to challenge ourselves.
- We all set up our development environments as we wait for the boards we are supposed to work on to arrive in the mail.

Past Week Accomplishments

- Sandro Panchame
  - Met with advisor and set up 1-on-1 meeting with client
- Rudolph Nahra
  - Set up personal development environment
- Alek Comstock
  - Set up development environment, had 1-on-1 meeting with client
- Jeffrey Kasper
  - Setup Ubuntu development environment in a virtual machine.
  - Met with client 1 on 1 to discuss hardware status and personal strengths.

Pending Issues

- Test the development environments for issues
- Waiting on boards to be delivered

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Sandro Panchame	Setting up dev. environment Studied up a bit on Machine Learning (light studying)	3	3
Rudolph Nahra	Set up personal development environment	3	3
Alek Comstock	Set up development environment	3	3
Jeffery Kasper	Set up a development environment. Studied the basics of machine learning and neural networks.	3	3

Plans for Coming Week

Hands on the hardware. Hardware will be received by ETG (Coover) at ISU. We will then set up the hardware in the Senior Design Lab.
Start on slides for future users for each of our areas of expertise.

Meeting Notes

Alek, jeffery - Check out openAMP, create Slides for others

30% of ML time is moving data from one point to another

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Alek - create a slide for openAMP - what I've learned. Not more than 4 slides. What is it, why is it valuable, etc. links (pictures from other slides) "okay to regurgitate what i just read [from slides shared by JR]"