Professional Practice

Career Episode Checklist

* **A career episode is an account of your education and/or work experience in engineering and computer science.** Career episode focuses upon a specific period or distinct aspect of your activity of your work experience (or your undergrad project if you don’t have any work related experience). An episode should focus on how you applied your knowledge and skills in your work. You may base your career episode upon:

“(1) a task undertaken as part of your educational program; (2) a project you have worked on or are currently working on; (3) a specific position that you occupied or currently occupy; (4) a particular problem that you were required to solve.”

For the Career Episode assignment you need to have a narrative that focuses on and addresses a specific situation in someone’s career experiences. The narrative includes the following:

• how a specific task was completed,

• the process followed,

• the judgements made,

• the results and outcomes achieved and,

• the relevant supporting evidences (if applicable).

* The table below helps to select the best episode to work on during the semester.

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| Selection Criteria | | | Comment |
| Your task in the project | You completed a specific task | | I worked as a team leader by originating and guiding team members through a machine learning project. |
| You followed a process/guideline | | I made a weekly schedule for team members to brainstorm, discuss ideas and present their outcomes. |
| You made a series of decisions | | In each stage of the teamwork, I need to make decisions regarding machine learning algorithms and other data manipulation work. |
| You achieved outcomes | | In the final representation, we made a PowerPoint to show our work on each step and collaborate on a research review regarding deep learning. |
| Characteristic of the project | Different stakeholders | A wide range of stakeholders including stakeholders from government bodies, industry, NGOs, etc. | This project has no concern with any stakeholders. |
| Teamwork | Your project is part of a bigger initiative— your work is part of a greater effort that both includes you and transcends you (i.e. you had to collaborate to get the job done) | I worked as a team leader to guide team members through their programming and scheduling of the whole project. |
| Decision-making moments | Many processes and moments of decision-making (i.e. you used your engineering judgments in different occasions) | During the whole programming, I need to make decisions based on the outcomes of data cleaning, data engineering and modelling. Also, I was in charge of the final presentation and other details. |
| Influential project | Project directly or indirectly affects society and the environment. | The research review provides outlines and details on a field of deep learning, which may help machine learning starters in their further research. |