OCA - Online Courseware for Algorithmics

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**Job description**: The department's popular algorithmics courses "T-79.4202 Principles of Algorithmic Techniques" and "T-79.4101 Discrete Models and Search" both involve a number of small programming assignments whose assessment in a classroom setting is both tedious and not very instructive to the students. This projects builds on the generic online assignment processing platform developed at the department (used e.g. on courses T-79.1001 and T-79.3001) to develop an automated programming task submission, evaluation and feedback system for these courses. The project requires excellent programming skills, facility in algorithms design, and ideally some familiarity with web programming.