Draw2Web: From Hand-Drawn Images to HTML + CSS

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Abstract*: The website design for the automated code generator begins with creating and uploading individual mock-ups images, which can be hand-drawn with the help of graphics and visual tools. The software programmer then converts the template to produce a standard HTML or CSS code. This process is usually done several times until a suitable model is obtained. The aim of this research is to automate the process of generating code from the drawing model. Computer vision techniques are used to create the plans and then techniques like DL (Deep Learning) and ML (Machine Learning) are used to create the proposed system.*

Keywords: HTML, CSS, Object Detection, Selective Recognition, LSTM, CNN