

Introduction



Our project was to develop a WYSIWYG computer software for visual programming with a machine learning API. The request came from a desire to develop an easy-to-use software that could aid in teaching students about machine learning as well as be a powerful tool for Python-based software development. This project was carried out at the request of Professor Fuxin Li, who is a faculty member of the EECS College at Oregon State University. Professor Fuxin Li primarily acted as project and quality control supervisor during the development cycle.

The team who worked on the project was comprised of team members Connor Sedwick, Behnam Saeedi, and Collin Dorsett. Each member contributed to the project their own skills and specialized in certain aspects of the project. Connor, specializing in GUI development and design worked primarily on the front-end portion of the project. Behnam, specializing in algorithm development and Python coding worked primarily on our code-generator that turned GUI elements to runnable Python code. Collin, specializing in technical writing as well as GUI design aided in all areas during the development cycle.