

# Rowan Torbitzky-Lane

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10/01/2025

Dear Hiring Manager,

I am applying for the Software Engineer position at New Balance in Sunset Hills, MO. At the Center for Intelligent Infrastructure (CII), I worked with Python and Django to develop an application for bridge safety inspections utilized by DOT employees.

At CII, I worked on a full stack application involving a TypeScript/JavaScript frontend for annotating images, a Django web server for managing bridge images and videos, and a PostgreSQL Docker Container. When I started working at CII, there was no way to upload a video of a bridge to the iframed VGG annotator. I programmed a route, with Django, to allow video upload, reusing much of the code from the image route. Furthermore, I fixed compilation errors in an outdated optical flow library to propagate image annotations through frames in a video.

I am a rock climber. In stressful situations, I can perform. I remain calm while precisely and quickly planning my next move when comfortable with the terrain. I code and rock climb the same way. I explore the terrain, failing many times, sometimes repeatedly attempting the same failing action. I learn and eventually master.

If you are interested in speaking further, I would greatly appreciate an email.

Thank you,  
Rowan Torbitzky-Lane