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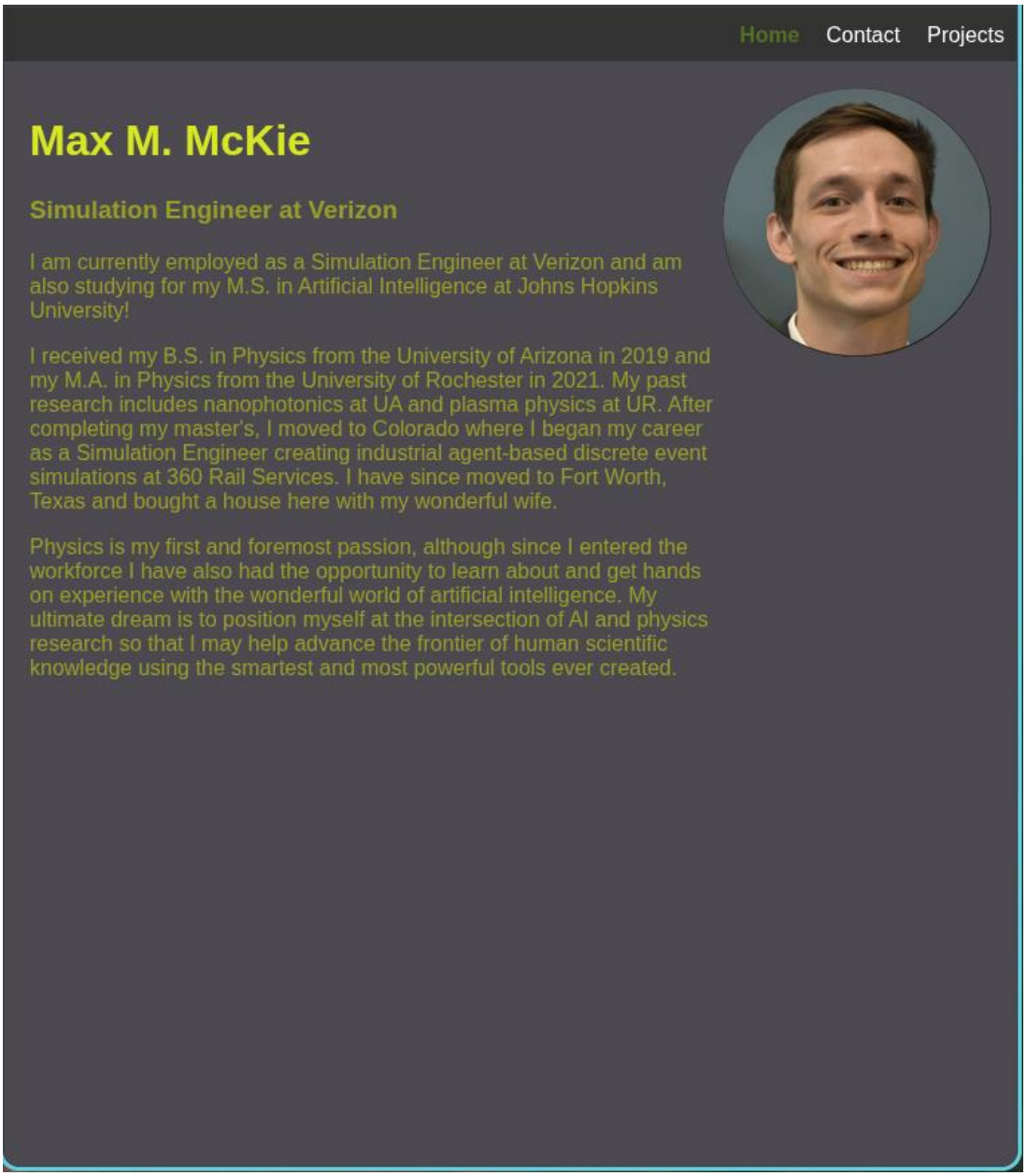
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Max M. McKie
Simulation Engineer at Verizon
I am currently employed as a Simulation Engineer at Verizon and am also studying for my M.S. in Artificial Intelligence at Johns Hopkins University!
I received my B.S. in Physics from the University of Arizona in 2019 and my M.A. in Physics from the University of Rochester in 2021. My past research includes nanophotonics at UA and plasma physics at UR. After completing my master's, I moved to Colorado where I began my career as a Simulation Engineer creating industrial agent-based discrete event simulations at 360 Rail Services. I have since moved to Fort Worth, Texas and bought a house here with my wonderful wife.
Physics is my first and foremost passion, although since I entered the workforce I have also had the opportunity to learn about and get hands on experience with the wonderful world of artificial intelligence. My ultimate dream is to position myself at the intersection of AI and physics research so that I may help advance the frontier of human scientific knowledge using the smartest and most powerful tools ever created.

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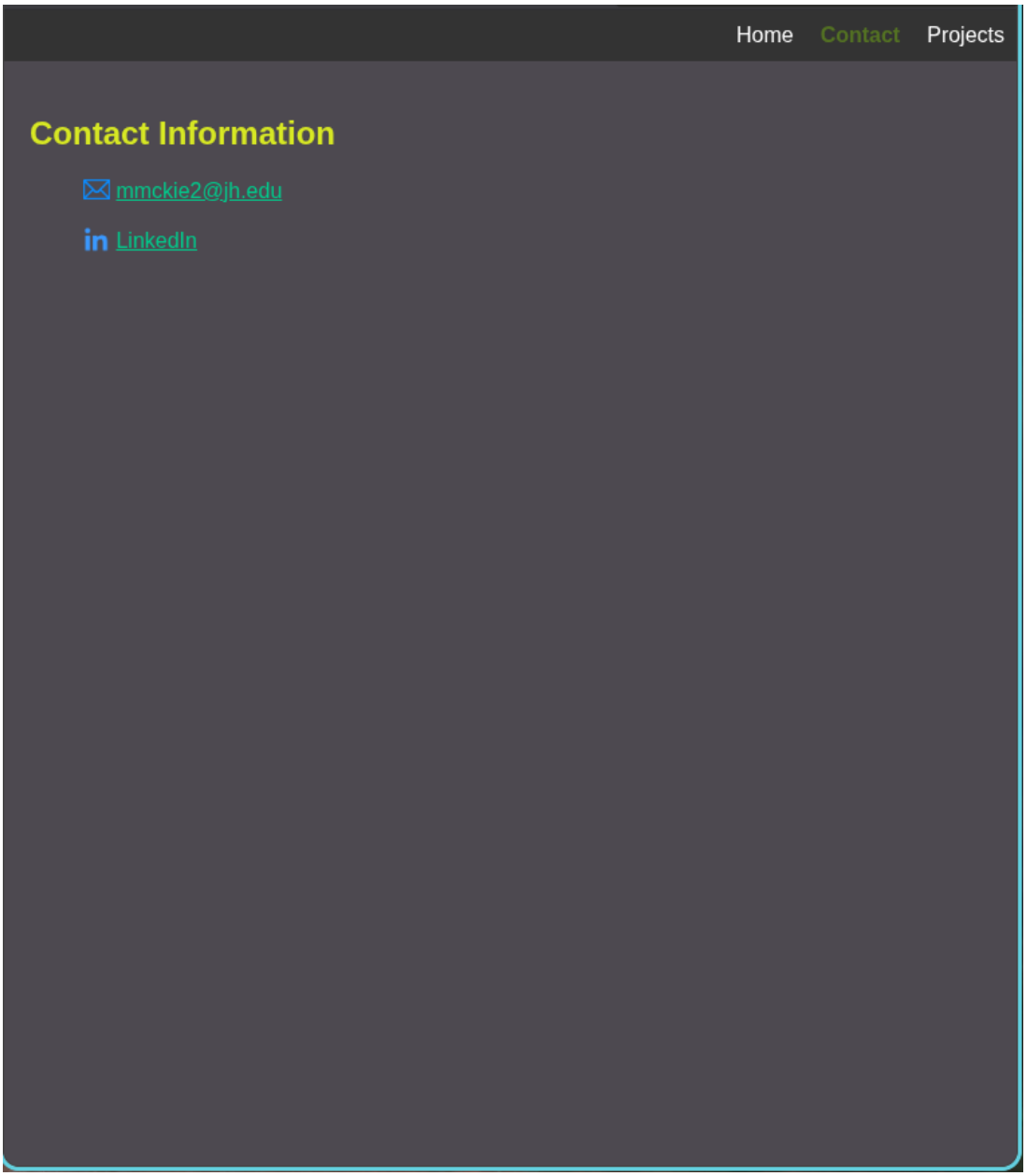
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Contact Information
mmckie2@jh.edu
LinkedIn

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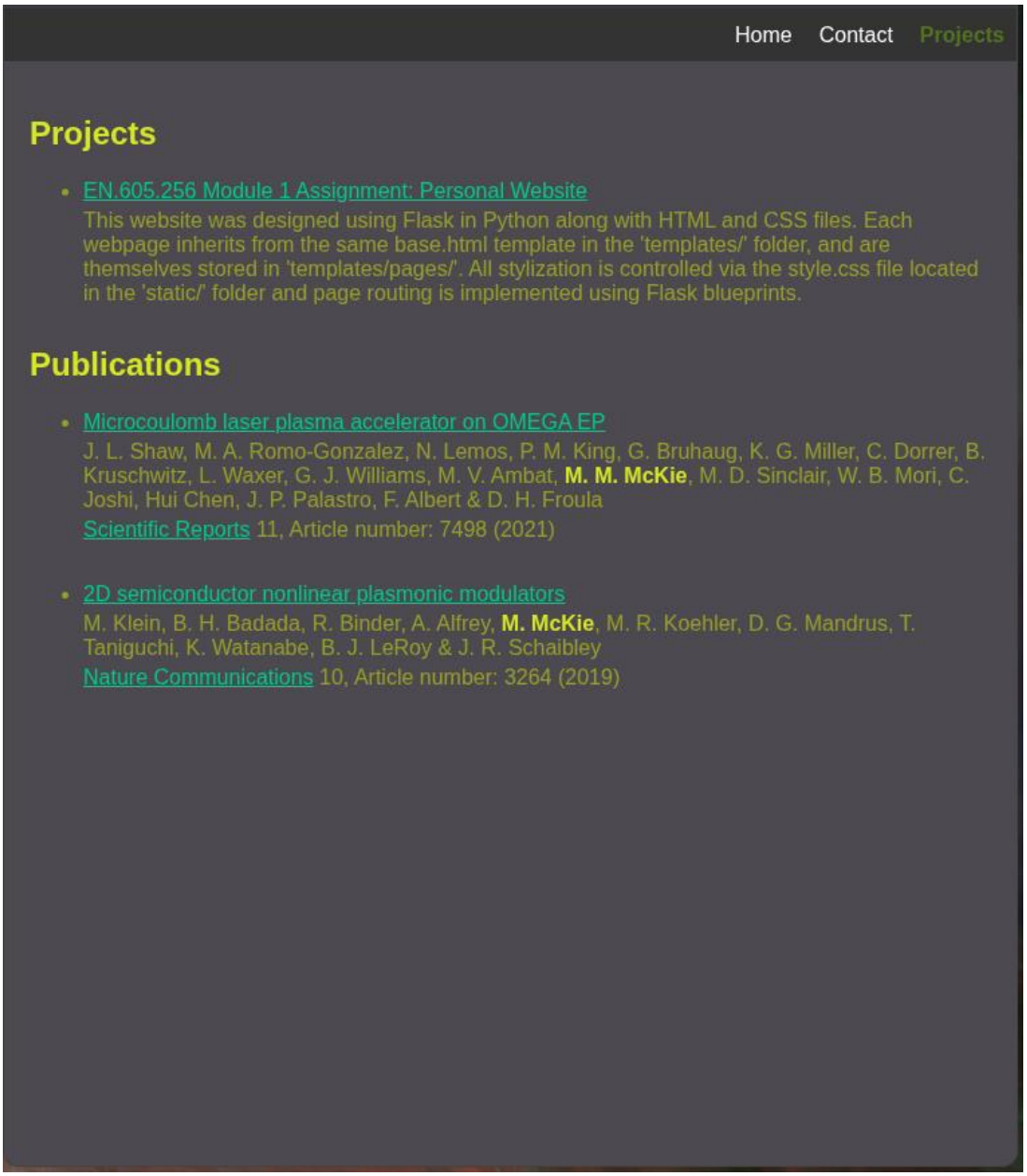
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EN.605.256 Module 1 Assignment: Personal Website
This website was designed using Flask in Python along with HTML and CSS files. Each webpage inherits from the same base.html template in the 'templates/' folder, and are themselves stored in 'templates/pages/'. All stylization is controlled via the style.css file located in the 'static/' folder and page routing is implemented using Flask blueprints.
Publications
Microcoulomb laser plasma accelerator on OMEGA EP
J. L. Shaw, M. A. Romo-Gonzalez, N. Lemos, P. M. King, G. Bruhaug, K. G. Miller, C. Dorrer, B. Kruschwitz, L. Waxer, G. J. Williams, M. V. Ambat, M. M. McKie, M. D. Sinclair, W. B. Mori, C. Joshi, Hui Chen, J. P. Palastro, F. Albert & D. H. Froula
Scientific Reports 11, Article number: 7498 (2021)
2D semiconductor nonlinear plasmonic modulators
M. Klein, B. H. Badada, R. Binder, A. Alfrey, M. McKie, M. R. Koehler, D. G. Mandrus, T. Taniguchi, K. Watanabe, B. J. LeRoy & J. R. Schaibley
Nature Communications 10, Article number: 3264 (2019)