$$\underline{u}\,\underline{v}^T = \begin{pmatrix} u_1 \\ \cdots \\ u_n \end{pmatrix} (v_1, \dots, v_n) = \begin{pmatrix} u_1v_1 & u_1v_2 & \dots & u_1v_n \\ u_2v_1 & u_2v_2 & \dots & u_2v_n \\ \vdots & \vdots & \vdots & \vdots \\ u_nv_1 & u_nv_2 & \dots & u_nv_n \end{pmatrix} \leftarrow \text{ an } n \times n \text{ matrix}$$