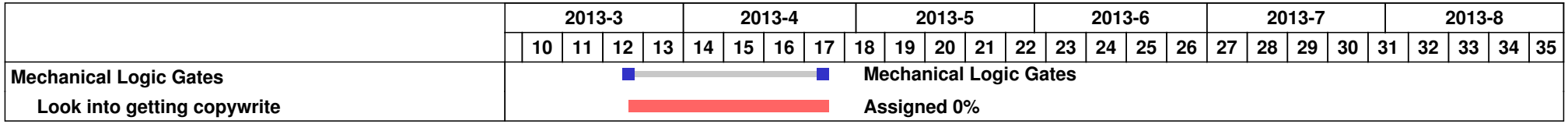Mechanical Logic Gates