1. Begin with a hyperbolic pentagon. Fold in half through one corner and unfold.

2. Repeat with each of the other 4 corners.

3. Change each of the creases that run from corner to center to mountain folds, i.e., crease each fold in the other direction.

4. Using the existing creases, gather all 5 corners together at the bottom.

5. There is one extra flap in the middle. Fold it over to the right.

6. Fold one flap (two layers) so that the raw edge aligns with the center line; press firmly and unfold. Repeat on the right.

7. Fold the top flap down along a line connecting the points where the creases you just made hit the edges and unfold.

8. Lift up the bottom corner and push the sides in so that they meet along the center line.

9. In progress. Flatten so that all layers lie together.

10. Fold the flap down.

11. Turn the paper over from side to side.

12. Repeat steps 6–11 on this side.

13. Fold and unfold along a crease aligned with existing edges.

14. Fold one flap to the left.

15. Bisect two angles on the wide flap on the right.

16. Lift up the near flap a bit in preparation for the next step.
17. Using the existing creases, invert the shaded region so that the paper zigs in and out. Look at the next figure to see the result.

18. Flatten.

19. Invert the corner and tuck the edges inside.

20. Fold one flap to the right.

21. Fold one layer up in front and one layer up behind.

22. Fold two edges to the center line in front and two to the center line behind.

23. Open out the single point on the left side slightly.

24. Push on the central edge of the flap so that it turns inside out between its upper edges.

25. Swing the point up almost all the way to the top and fold its edges together. Flatten into the new position.

26. Repeat steps 24–25 on both of the points on the right.

27. Reverse the tips of both points so that they point downward, similarly to what you did in steps 24–25.

28. Fold one wing down in front and the other down behind.

29. The finished Hyperbolic Crane.