

ECE 532 Project Proposal

1 Tentative Title: The DongleVerse[®]

2 Team Members

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3 Brief Overview of Topic and Motivation

4 Core Concepts

5 Related Papers, Datasets, or Resources

For data bases. There are plenty of papers dealing with a similar problem - taking an image of the sky or star map and finding known constellations, which is useful for satellite orientation and navigation:

Hartmut Renken and H J Rath. A Method for Three-Axis Attitude determination by Image-processed star constellation matching. *Space Technology*

Kristjan Krips and Timo Petmanson. The constellation database. pages 1–7, 2011

Suyao Ji, Jinzhi Wang, and Xiaoge Liu. Constellation Detection