

**ECE Capstone program
Spring 2018
Project Abstract & Info**

- 1. Project number:** 42
- 2. Project title (as will appear on the poster):** Snap To Count
- 3. Team members:** Katheryne Zak-Strzalka (POC), Arthur Rafal, Svikriti Kasichainula, Guy Rubinstein, Kristen Wong
- 4. Adviser(s) name(s):** Vishal M. Patel
- 5. Up to 5 keywords that will help to classify the project scope:** OpenCV, Computer Vision, Recognition, Python, Hough Transform
- 6. Project abstract (up to 250 words) to be shared with judges:**

Technology evolves as people continuously prioritize convenience and seek to save time wherever possible. Coins inevitably collect in our pockets, cup holders, couch cushions, and in other places we least expect. Other than driving to a coin counting machine at a supermarket or bank, never before has anyone attempted to expedite the process of counting change. Here is a better solution: download our phone app, Snap To Count! Our app is extending convenience to the irritating task of counting lots of coins. Using image recognition, our application allows you to see how much money you have in total and how many of each coin type you have. Time is money, don't waste money counting money.