# Cleider Gomez

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## Education

**University of California, Irvine** *Expected: June 2020*

B.S. in Computer Science *GPA: 3.3*

- Relevant Coursework: Programming with Software Libraries, Intermediate Programming, Introduction to Software Engineering, Boolean Algebra & Logic

## Leadership & Activities

**Secretary of ICS Student Council** *Irvine, CA*

Responsibilities: Social Media - Event Planning - Marketing - Photography *June 2017 - Present*

- Director of all social media accounts, responsible for sending a weekly newsletter to 1,100+ subscribers.
- Increasing audience reach with scheduled posts, documenting events online, and personalized newsletters.
- Communicating with all board members, and UCI school of ICS staff to share accurate information.

**AT&T Hackathon, Emotional Robot** *Los Angeles, CA*

Technologies: NodeJs - IBM Watson API *July 2017*

- Created an emotional companion that detects a user's mood responding with unique speech and movements, allowing a robot to have micro expressions, while working with a team of 3.
- Devised an algorithm to select a response based on tone levels of a persons statement.
- Built the NodeJS app which sent and received data from IBM's API to an android device on our robot.

**Yale Hackathon, ThinkBeyond** *New Haven, CT*

Technologies: NodeJs - Google Cloud App Engine & Natural Language API *December 2017*

- Developed a tool used to help/encourage users to think more critically about digital media, by displaying relevant information alongside media as a pop-up.
- Deployed a NodeJS Express server in the cloud using App Engine, using Google's Natural Language API.
- Developed client side as a Chrome Extension, sending / receiving data to / from our server with live updates.

## Projects

**Measuring Volume w/ Computer Vision**

Technologies: Python - OpenCV (Computer Vision) - Tkinter (UI) - Git *June 2017 - Present*

- A desktop app that allows a user to measure liquid in a container using their web cam and a card.
- Implemented the OpenCV library to track objects, calculate distance based on a reference point, and display live data (Inches / Cubic Centimeters) within a Tkinter user interface.
- Designed / Programmed from the ground up, teaching myself a practical implementation of Computer Vision.

**Website for ICS Student Council**

Technologies: HTML - CSS - JavaScript - Bootstrap - Git *May 2017 - July 2017*

- Applied practical web development skills to design / build / deploy a website for my organization.
- Developed from scratch with HTML / CSS / JS implementing the Bootstrap framework for a responsive design.
- Used Git source control during development to maintain a stable site while working with a team 2.

## Skills

**Languages: Python, Javascript, HTML, CSS**,

**Technologies: Git, NodeJS, Bootstrap, JQuery, OpenCV**,