# FLOWER DIAGRAM

## PETAL1

### MY FAVORITE FIELDS OF INTEREST

* Software development
* Computer science
* Embedded systems
* Control systems
* Automation
* IoT

## PETAL 2

### MY PREFFERED KINDS OF PEOPLE TO WORK WITH

* Outgoing
* Open minded
* Positive attitude
* Energetic
* People who likes to be challenged

### MY HOLLAND CODE

* RIS

## PETAL3

### WHAT CAN I DO AND LOVE TO DO

* Read
* Take a walk on the beach
* Cycle
* Play with my daughter
* Travel

## PETAL 4

### MY FAVORITE WORKING CONDITIONS

* Office either open seating or cube
* Gym on campus
* Healthy food choices
* Teambuilding activities
* Open schedule

## PETAL5

### MY PREFFERED SALARY RANGE

* May vary depending on benefits
* Would be more comfortable with:
  + Good medical package (completely covered by company if possible)
  + High 401K match (at least then average)
  + Profit sharing
  + Performance bonus

### LEVEL OF RESPONSIBILITY I’D LIKE

* To be in charge of project tasks with minimum supervision

### OTHER RESPONSIBILITIES HOPED FOR

* Handle complete projects

## PETAL6

### MY PREFFERED PLACE TO LIVE SONNER OR LATER

* 1st San Diego
* 2nd Portland OR
* 3rd Seattle WA

## PETAL7

### MY GOAL/ PURPOSE OR MISSION IN LIFE

* To be part of something that revolutionizes the world with great technology

# PATH TO BECOMING A DEVELOPER

As an Electromechanical Engineer I got to work with mechatronics and Real time operating systems such as PLCs more specifically Siemens PLCs from then on I fell in love with programming and wanted to learn more about other programming languages. Then I had the opportunity to join Cymer as a Software Engineer consultant (Siemens safety PLC) and met again with the powerful C++. In Cymer I have been given the chance to start working in projects involving Python and C++ coding. In addition to this I wanted to learn more about the latest and greatest web technologies so the UCSD Coding BootCamp came up as a great opportunity to expand my knowledge.

The reason why I want to continue developing software is because is an ongoing learning and it is also a very dynamic job which offers challenges every day.

# Ricardo Duran Bio

Ricardo Duran is a Software Engineer Consultant for Cymer in San Diego CA.

### Experience & Expertise

6+ years of experience as Software Engineer in different industries such as Aerospace, Automotive, Energy and Semiconductors have given a diverse background which helps in having a bigger approach in problem solving

### Most important accomplishments

SEMICONDUCTORS (CYMER)

* Development of Software changes (Python, PLC) to improve maintenance of equipment resulting in savings of more than 700K dollars for thr R&D department

ENERGY SECTOR

* Development, commissioning and operational support for a Pipe lay vessel Control System with a top tension of 800mT delivering a safe pipe laying system and heavy lifting crane 3000mT that completed the Gunflint and Big Bend projects for Noble energy in a record time of 8 months

When he is not glued to a computer screen he spends time with his family preferably on the beach or some park outdoors

### Project Working on

He is working on a C++ development project to introduce new parameters on an embedded system.