

# Victor Solis

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## SUMMARY

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Interested in Linux, Robotics, Command line and all things low-level. Interested in  $\text{\LaTeX}$ , bash scripting, and embedded systems.

## WORK EXPERIENCE

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### FYI Intern

Mar 2022 - Nov 2022

- Worked under senior developer to debug and fix bugs in the codebase.
- Provided support to the non-technical team members.
- Worked with Apple APIs and QT framework to create a cross-platform application.
- Worked with Squish API to automate testing.

## PROJECTS

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### RoboSub

[RoboSubLA website](#)

- Placed in the finals (8<sup>th</sup> place) in the 2022 RoboSub competition.
- Managed a team of 10 to develop software for an autonomous underwater vehicle.
- Developed a simulated underwater testing environment using Gazebo and ROS and python.
- Contributed to the developement of drivers for sensors and actuators using C/C++ and communication protocols such as I2C, SPI, and UART.
- Lead a team to develop the high-level behavior of the robot using BehaviorTree.CPP framework.
- Collaborated with electrical engineers and mechanical engineers to design a robot optimized for required tasks.
- Helped develop a PID controller to stabilize the robot and control it to its destination.

## EDUCATION

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2020 - present	California State University, Los Angeles	(GPA: 3.5/4.0)
2018 - 2020	El Camino College	(GPA: 3.3/4.0)

## SKILLS

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Some Skills	This, That, Some of this and that etc.
Some More Skills	Also some more of this, Some more that, And some of this and that etc.