Annabella Macaluso

Pleasant Grove High School (12th Grade) | 1 (916) 513 3326 | annabellamacaluso@gmail.com

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Education

Pleasant Grove High School
- ➢ GPA: Unweighted: 4.00/4.00 | Weighted: 4.67/5.00
- ➢ 12th Grade, Graduation Year: 2020

Innovative Design and Engineering Academy
- ➢ Spent 4 years learning about Computer Aided Design, Electronics and Programming.

Extracurriculars & Projects

EagleForce Robotics - FIRST Robotics Competition (2016 - 2020)
- ➢ Senior Programmer with a focus in Controls Software.
- ➢ Program in Java and Python.
- ➢ Teach lowerclassmen and handle project management with Git and Trello.

Controls Projects (2019 - 2020)
- ➢ PID (Proportional-Integral-Derivative) Controller to track position. Uses Python and a Raspberry Pi.
- ➢ Trapezoidal Motion Profiler to graph kinematic models of systems. Uses Python and Java.
- ➢ State Space Controller for velocity control of a steel flywheel. Uses Python and Java.

Work Experience

Code Ninjas: Programming Instructor (June 2019 - October 2019)
- ➢ Taught 7 - 14 year olds how to program in JavaScript, Python and Scratch.

Skills

Programming
- ➢ 2+ Years experience in Java and Python
- ➢ Some experience in C++, JavaScript and Bash
- ➢ IDEs Used: IntelliJ, PyCharm

Operating Systems + Programs
- ➢ 2 Years experience with Linux. Knowledgeable about terminal.
- ➢ 8+ Years experience with Windows OS and Microsoft Office