**Philip Rocco Posillico**

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## Education

**Florida Institute of Technology** (2015)

**Bachelor of Science** in **Aerospace Engineering,** Control Systems Focus

## Experience

**Trilogic Technologies - Engineer, Independent Contractor** (May 2019-Current)

* Lead Programmer (Python, C) for Embedded Tracking Systems
* Maintained a direct customer relationship, and proposed new software improvements
* C++ computer vision research

**Self-Employed - Freelance CAD Designer & Day Trader** (Nov 2017- Current)

* Freelance mechanical CAD designs with Solidworks, Creo and AutoCAD
* Self managed Stock Options and Cryptocurrencies

**PLW Modelworks - 3D Modeler & Texture Designer** (Nov 2015-May 2016)

* Created and modified textures and 3D models of actual cities from survey data
* Assisted in quality assurance of textures

**Advantek Inc - Engineering Consultant** (Sept 2015-Nov 2015)

* Programmed C code for data collection systems
* Traveled to install HVAC hardware & software
* IT specialist during delivery and development

**Coin Sentry LLC - Co-Founder, Managing Member** (June2014-May 2015)

* Created investment tools in C++ & Visual Basic languages
* Built and maintained a 50+ TeraFLOP computer

**Research at Florida Institute of Technology**

* Thermal gradient airfoils, and the effects on lift and drag coefficients
* Pressure gradient fiberglass composite impact tests
* Team Lead - “MuSE” Modular Microgravity Slosh Experiment, 2012-2013
* Won ‘Best in Aerospace’ at the ‘Northrop Grumman Florida Tech Showcase 2013’
* Designed C++ program and interface to capture data onboard a “Zero-G” aircraft

## Skills

**Software Tools**

* Creo/ProE, Matlab, ANSYS, Solidworks, AutoCAD, Labview, MathCAD, Java, C++, C, C#, Python, GIMP, Adobe Acrobat DC, Photoshop, HTML5, CSS3, Microsoft Word/Excel/Access

**Equipment**

* Computer Hardware, Hand Drafting, Metal / Wood / Composite Fabrication, Soldering, ARC/MIG Welding, 4 axis CNC programming and operation, 3D Printers

## Activities

* 50+ hours towards private pilot, Formula SAE, AIAA, and SSPI member
* Stock Option & Cryptocurrency enthusiast