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)
- 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
- Acted as IT specialist during travel

Coin Sentry LLC - Co-Founder, Managing Member (June 2014-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
- “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
- Helped plan deadlines and manage tasks as team manager

Skills

Software Tools
- Creo/ProE, Matlab, ANSYS, Solidworks, AutoCAD, Labview, MathCAD, 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