

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 (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
- 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