

James **McGinness** Electronic Systems Engineer



### **PROFILE**

**LOVE TO LEARN:** I am a life-long learner who is constantly looking to improve and invent. I enjoy the challenges of development of all types of technology, including software, hardware, and mechanical systems.



#### **CONTACT ME**



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# **PROFESSIONAL SKILLS -**

- PROGRAMMING
- D
- SYSTEM DESIGN
- ELECTRICAL CAD
- 3D CAD
- FPGA





### **WORK EXPERIENCE-**

- FREELANCE DEVELOPER / JUN 2011 CURRENT
   Web Developer: Developing custom promotional sites and
   Social Media presence for clients.
- FREELANCE COMPUTER TECHNICIAN / JUN 2011 JUL 2014 Technician: Servicing, designing and repairing computers and networks.
- ARBONNE, LLC / JUL 2014 CURRENT
   WEB PROGRAMMER: Developing custom marketing tools and custom content management systems



### **PERSONAL SKILLS-**

- LEADERSHIP
- TEAM WORK

- INNOVATE
- CREATIVE





## **EDUCATION**

- BACHELOR'S DEGREE / FALL 2011 DEC 2017

  Cal Data Decrease Services the service to a few sizes of services.
  - Cal Poly Pomona: Emphasizes the application of engineering knowledge and methods to solve technical problems found in modern industry.
  - FPGA DESIGN / WINTER 2017
     Cal Poly Pomona: Develop modern FPGA projects on the Zynq platform integrating the fabric with the ARM coprocessor.
  - AUTONOMOUS GROUND VEHICLE / SUMMER 2017
     Cal Poly Pomona: Develop an understanding of control and autonomous processing paradigms, mechanical relationships to electronics, and their software components, sensor processing.
  - INTRO TO ROBOTICS CONTROL / FALL 2017
     Cal Poly Pomona: Introduction to the science and engineering of mechanical manipulation as the sub-discipline of robotics founded on classical fields such as mechanics, control theory, and computer engineering.

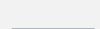


# **PROFICIENCY**

C, C++, OBJ-C



BASH



VERILOG



PYTHON