

Daniel Dugger
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EDUCATION

University of Florida – B.S. Electrical Engineering – Gainesville, FL Fall 2019
GPA: 3.82

Jensen Beach High School – High School Diploma – Jensen Beach, FL August 2011 – May 2015
Member of National Honors Society, Graduated with Honors
Un-weighted GPA: 3.70 – Weighted GPA: 5.75 – Class Rank: 43 of 447

EMPLOYMENT

Florida Computer and Networking, Inc. – Palm City, FL January 2014 – Present
Owner / President

- Provides network design and security consulting services for small to medium size businesses.
- Learning many business and management skills through on the job experience by running a profitable business.

Edward Dugger + Associates, P.A. (ED+A) – Stuart, FL October 2012 – Present
Director of Information Technology

- Provides technical services and training to employees on correct use of technology in the workplace.
- Maintains computers, servers, and networking systems related to everyday business operations.
- Supports high availability noise monitoring remote measurement equipment.

RELEVANT EXPERIENCE

UF Machine Intelligence Lab (MIL) SubjuGator AUV Project – Gainesville, FL January 2016 – Present

- Prepared and upgraded SubjuGator 8 AUV for competition in the AUVSI RoboSub tournament.
- Performed circuit and system design, PCB design, firmware design, and SMD assembly.

ED+A High Reliability & Long Term Noise Monitoring Stations – Stuart, FL August 2014 – Present

- Designed and implemented noise monitoring stations, meeting ANSI S1.4 Type 1 specifications.
- Designed PCBs for remote access, battery charging, and environmental monitoring.

S.P.A.M. Robotics (FIRST FRC Robotics Team) – Stuart, FL January 2012 – May 2015

- **Vice-Captain of Technical Operations (2014 – 2015)**
 - Involved in the design, construction, and testing of robots.
 - Supervised and managed students in various departments.
 - Taught younger students mechanical, electrical and programming skills used in designing robots.
- **Electrical Department (2012 – 2015)**
 - Designed electrical and control systems for competition and practice robots.
 - Investigated and solved problems during build season and during competitions.
 - Used experience to devise unique and innovative solutions to design challenges.

SKILLS

- **Electrical Experience** – Circuit Design, Microprocessor / FPGA Implementation, SMT Soldering, CAD, Component Level Repair, and Reverse Engineering
- **Knowledge of Industry Leading Software Packages** – Altium Designer, SolidWorks, NI Multisim
- **Extensive IT Experience** – Windows Server, AD, Exchange / VMWare vCenter, ESXi / Cisco Routers, Switches, CallManager, ASAs
- **Programming Experience** – C, C++, C#, Java, LabVIEW, ASP.NET, PHP, and HTML/CSS
- **Writing Skills** – Ability to efficiently produce concise and organized reports and technical documents.