Paige Barylsky

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Oregon, USA

EXPERIENCE

- **Oregon State University**
  Teaching Assistant - Corvallis, OR
  Performed demos, communicated concepts of electronic theory, and aided in troubleshooting individual projects for students enrolled in the Introduction to Electrical and Computer Engineering course at OSU.
  September 2020 to December 2020

- **Good Samaritan Hospital**
  Staff Scheduling Coordinator – Corvallis, Oregon
  Lead staff meetings with charge nurses to create, finalize, and disseminate daily staffing plan to units within hospital; Occupied "hot seat", provide real-time reallocation of staff according to hospital needs to maintain optimal patient care.
  May 2017 to January 2020

- **United States Air Force**
  Intelligence, Surveillance, and Reconnaissance Operator – Beale AFB, CA
  Provided real-time signals intelligence and visual surveillance aboard a multi-intelligence aircraft in support of U.S Special Operations Forces (SOF); 1000 combat flight hours on MC-12 aircraft; relayed enemy posture/threats to ground assault forces, and provided support for MEDEVAC, troops in contact (TIC), and Residual Base Defense operations. Facilitated various stateside training events for U.S. and Australian SOF to provide realistic combat training scenarios (OPFOR).
  April 2012 to December 2016

EDUCATION

- **B.S Electrical and Computer Engineering**
  Oregon State University
  Expected June 2022

- **AAS Intelligence Studies and Technology**
  Community College of the Air Force
  49/64 credits

SKILLS

- **Hardware/Software**
  C/C++, FPGA, Easy EDA, LTSpice, SystemVerilog, Arduino, LaTex, ICS2 Survey Equipment, DRT, Quartus Prime, ModelSim, Falconview, ROVER

- **Certifications**
  TS/SCI Security Clearance [expired], CI Polygraph, GSM/CDMA/UMTS Theory, RF Theory

PROJECTS

- **VGA Controller**
  Video Graphics Array controller in SystemVerilog
  FPGA, SystemVerilog, ModelSim

- **Light Detection Robot**
  Retrofitted robotic dog with solar panels and 3-D printed parts, utilized photo resistors to move robot toward strongest light source
  Arduino, Solidworks

- **Audio Amplifier**
  Designed, simulated, and built low/high/band pass filters to amplify sound input from an aux cable, using capacitors to filter unwanted noise
  LT Spice, basic circuit analysis

AWARDS & RECOGNITION

- **H Weekend - 1st Place**
  Hardware competition hosted by OSU
  2019

- **Eight Combat Air Medals**
  4th Expeditionary Squadron - Bagram, Afghanistan
  Operation Enduring Freedom
  2013-2014

Noteworthy

- Electronics Design Club - Member

- Highly adaptable individual with strong communication/interpersonal skills