Andrew Novak

https://zpar.ky

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EDUCATION

Purdue University   May, 2023
  Bachelor of Science in Computer Engineering   GPA: 3.01
  Relevant Coursework: Semiconductor Devices, ASIC Design Lab,
  Software for Embedded Systems, Intro to Compilers and Translation Engr

PROFESSIONAL EXPERIENCE

Fraud Protection Network – *Internal Code Auditor* (Hallandale Beach, FL)   May 2018 – November 2021

- Internally audited code that runs the public website functionality (mainly PHP)
  - Ensure code follows PCI compliance
  - Document code functions, inconsistencies, and compliance issues
- Monitored hardware access through AlertLogic
  - Set rules to alert admins of suspicious activity
  - Install AlertLogic reporting software on Linux (RHEL) hardware
- Decommissioned retired hardware on-premises
- Planned and deployed server and employee backup solutions

National Marine Yacht Suppliers – *IT Intern* (Fort Lauderdale, FL)   June 2017 – August 2017

- Assisted deploying VMWare ESXi hypervisors in testing and production environments
- Deployed and initialized CentOS and cPanel software packages to production hardware
- Created, pitched, and deployed hardware monitoring solutions for server hardware via Grafana and InfluxDB

LEADERSHIP EXPERIENCE

Science National Honors Society – *Vice President* (Fort Lauderdale, FL)   August 2016 – May 2017

- Organized quarterly Trivia Nights as well as administrative work including organizing student roles in events
- Organized and oversaw our Outreach program, where SNHS travels to middle schools and demonstrates various STEM labs, such as robotics, chemistry, and bioengineering.

Science Olympiad – *Team Leader* (Fort Lauderdale, FL)   August 2016 – May 2017

- Recruited a team of students and led them in studying topics in Anatomy and Optics
- Reached 7th in Anatomy and 4th in Optics in a statewide competition

TECHNICAL SKILLS

- Programming language experience in C, Java, and Python
- Passed LinkedIn Assessment for: C and Git
- Skilled in Photoshop, After Effects, Premiere, Microsoft Office, Maya, 3DS Max
- Experience with computer hardware, Linux shell, Powershell scripting, and PCB design
- Experience applying 3D design skills to 3D printing objects