

Andrew Novak

<https://zpar.ky>

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EDUCATION

Purdue University

Bachelor of Science in Computer Engineering

Relevant Coursework: Semiconductor Devices, ASIC Design Lab,

Software for Embedded Systems, Intro to Compilers and Translation Engr

May, 2023

GPA: 3.01

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

- Deployed VMWare ESXi hypervisors in testing and production environments
- Deployed CentOS and cPanel software packages to production hardware
- Presented new 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

- Demonstrated programming excellence in C, C++, Java, SystemVerilog, and Python
- Experience with computer hardware, networking, Unix, Git, scripting, and debugging
- Fluency in Microsoft Office, Photoshop, After Effects, Premiere, Maya, 3DS Max
- Excellent communication and interpersonal skills