

# Andrew Novak

<https://zpar.ky>

Email: pro@zpar.ky

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## EDUCATION

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### 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

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### 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

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### 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 7<sup>th</sup> in Anatomy and 4<sup>th</sup> in Optics in a statewide competition

## TECHNICAL SKILLS

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- 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