

NATHANIEL KAVAL

✉ natekav26@gmail.com

☎ (520) 392-4440

🌐 nkaval.com

in linkedin.com/in/nkaval

EDUCATION

Bachelor of Science

Penn State University

📅 Aug 2019 – Present

- Major: Computer Engineering
- Related coursework:
Programming and Computation I: Fundamentals & II: Data Structures, Computer Hardware, Ordinary Differential Equations, Matrices, Web Design

Sinclair Community College

📅 Aug 2017 – 2019

- GPA: 3.5
- Related coursework:
CompTIA's Network+ N10-006, CompTIA A+ 220-901 and 220-902, Calculus Analytic Geometry I, Calculus Analytic Geometry II

Oakwood High School

📅 Aug 2015 – 2019

- GPA: 3.89
- Computer Science - IT Software Engineering
- Related coursework:
HTML5 and CSS 3 Web Development, C++ Programming, JavaScript Programming, C# Programming, JQuery / JQuery UI / JQuery Mobile

EXPERIENCE

Engineering Tech & Web Development Intern

Spark Concepts LLC

📅 July 2015 – Present

- 8 Hrs/Week
- Assembly of custom electronics, micro-soldering, programming/loading of embedded firmware
- Quality assurance, component diagnostics & repair services

Lead Mobile Application Programmer

Miami Valley Tech Prep Consortium

📅 August 2017 – 2019

- Tech Prep is a competition that involved working with local business to create a scale-able website that included a functioning data-base, administration page, and a variety of security features. Everything had to be written/programmed from scratch and presented at several showcases.
- Worked in a team of four people and created two e-commerce web applications for local business owners.
- Programmed both mobile and desktop framework/styling, scripts, and database structures. Responsible for customer interaction, establishing requirements, and programming.

STRENGTHS

Computer Languages:

Python, HTML, CSS, JavaScript, PHP

Software and Tools:

HTML, Excel, Visual Basic, Notepad++, Atmel Studio, Autodesk Inventor & Fusion 360

CERTIFICATIONS

Cisco Networking Academy:

2018: IT Essentials

Experienced Technologies:

2018: PC Pro

2019: Networks Pro, Security Pro, Desktop Pro

HONORS & AWARDS

Miami Valley Tech Prep Consortium

📅 April 2018 & 2019 📍 Sinclair Community College

- #1 CSS Design Award 2018
- #1 Programming Award 2019

2019 Tech Prep Competition

📅 April 2019 📍 University of Cincinnati

- #1/25
- Designed mobile and desktop e-commerce website using HTML, PHP, Javascript, JQuery, and MySQL

CinciHacks (Hackathon)

📅 September 2018 📍 Mason High School

- Best Start-Up Idea #1/19
- Built most innovative software solution

ACTIVITIES

Lead MS Programmer

AFA CyberPatriots

📅 August 2015-2019 📍 Oakwood High School

- Responsible for planning & leading practice sessions, creating custom scripts debugging code, 3x state/2x semifinals champions - Top 10% (140+ teams)

Varsity Team Captain (40+ crew)

Dayton Boat Club

📅 2019

- Provided direction to the Head Coach concerning the maintenance & handling of the Club's rowing equipment, and supporting the Coach staff in recruiting/training new rowers
- Qualified for 2018 and 2019 USRowing Youth National Championships