Adam Abad

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EDUCATION

Wilkes University   **Wilkes-Barre, PA**
B.S. Computer Science, Minor in Mathematics   August 2017 – May 2021
- Cumulative GPA: 3.61/4.0
  o Dean's List: Fall 2017, Fall 2018, Spring 2019, Fall 2019, Fall 2020
- Outstanding Senior Award in Computer Science

JOB EXPERIENCE

Wilkes University   **Wilkes-Barre, PA**
Web Development Work Study   May 2020 – September 2020
- Redesigned website by implementing the CodeIgniter's MVC framework with Bootstrap UI elements
- Utilized PHP for webpage construction, MySQL for database applications, and CSS for design purposes
- Held regular progress meetings and tailored project based on feedback
- Laid plans to handle backend/database restructuring for future work study students
- Wrote comprehensive documentation on file structuring, function usage, and planned future additions
- Worked solely and independently with bi-weekly status reports
- Site: https://narrative.mathcs.wilkes.edu/sandbox/

La Napolis Inc.   *Mountaintop, PA*
Restaurant Delivery Driver   September 2016 – October 2020

ADDITIONAL EXPERIENCE

- Capstone Project - Multi-Platform Mobile application   October 2020 – May 2021
  o Small team project to develop an application to diagnose Wi-Fi and internet instability
  o Utilizes the Xamarin framework, C#, and .NET for cross platform applications
  o Design of the interface intended to be more user-friendly and give users of varying technical knowledge understandable diagnostics of their Wi-Fi connection status
  o Documentation of research, use cases, scheduling, actors, and communications
  o Utilizes GitHub for teamwide source control
- Personal Project – Discord Bot   December 2018 – Present
  o Design and maintenance of an automated community administration tool utilizing Discord.js, a node.js API used to interact with Discord (VoIP and instant messaging application)
  o Database implementation with SQLite
  o Locally hosted on a Linux based raspberry pi
  o https://github.com/adamabad/SquidBot

ADDITIONAL SKILLS

- Programming Languages
  o Coursework in Python, Java, C/C++, QBasic, JavaScript, HTML, XHTML, PHP, PERL, SQL
  o Independent Study with LUA, Python, Java, JavaScript, node.js, SQL (PostgreSQL, MySQL, and SQLite)
- Relevant Education Coursework
  o C and Unix, Discrete Mathematics, Web Development, Software Engineering, Operating System Principles, Artificial Intelligence, Databases, Theory of Computation, Algorithms, Networking, Computer Architecture
- Software
  o Visual Studio, VSCode, Terminal, Eclipse, Git, Microsoft Office Suite
- Hardware
  o Assembly, maintenance, and configuring of workstations/servers for independent use including Window's desktops and raspberry pi's (Linux)