DAVID NGUYEN

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Education

University of Michigan   **Expected Graduation: December 2027**
B.S.E in Computer Science, Minor in Electrical Engineering | GPA: 3.8/4.0   *Ann Arbor, MI*
Relevant Coursework: C++ Programming and Data Structures, Logic Design, Robotics Mechanisms, Discrete Math
Future Coursework: Data Structures and Algorithms, Theory of Computation, Computer Science Pragmatics
Organizations: Michigan Hackers, Michigan Data Science Team

Experience

N2K   **November 2023 – July 2024**
IT Intern   *Fulton, MD*

- Developed an internal website using HubSpot and Adobe Photoshop to advocate 20% of the company to become ISC2 Certified in Cybersecurity for higher organizational cybersecurity credibility in the IT industry.
- Organized client data using Excel Sheets and audited the company's self-diagnostic products for simpler data analytics to acquire over $200,000 from partnered companies and clients.
- Contributed to the development of cloud computing and cybersecurity online courses to assist their clients for IT examinations and become certified.

Springbrook High School   **June 2023 – September 2023**
IT Intern   *Silver Spring, MD*

- Troubleshooted and optimized over 600 previously distributed and broken student laptops to prepare 95% of the laptops to the upcoming freshmen class.
- Configured the DNS and routed ethernet cables into hubs for multiple HP printers to enable optimal routing and usage for all staff faculties and students of over 1900 users.
- Revised over 50 different Boxlight Promethean boards and desktop computers with user-friendly interface for students and staff members.

Creative Information Technology Inc.   **July 2023**
Research Intern   *Falls Church, VA*

- Researched and proposed official government attachments and procurements to connect with the company's aligned IT service, cloud service, health service, and human service objectives for future business collaboration.
- Proposed RFP government contracting summaries using information from the document and presented them to the organization's leaders.

Projects

FindBlue | *React.js, TypeScript, CSS, Next.js*

- Collaborated with other developers to construct a user-friendly web application for University of Michigan students to discover potential project, research, and other opportunities from other Michigan students, professors, and organizations.

Spotify Analysis | *Python, Pandas, NumPy, Matplotlib*

- Implemented the Spotipy library to analyze user Spotify statistics with their most listened artists, songs, genres, and era to give song recommendations to other users.
- Vizualized user's Spotify statistics using Matplotlib to assist the user discover trends and preferences.

Volunteering

Springbrook High School   **October 2022 – June 2024**
Academic Tutor   *Silver Spring, MD*

- Tutored 5 students about Multivariable Calculus, AP Calculus, AP Chemistry, SAT Mathematics, Computer Programming using Python and JavaScript, and Cloud Computing using AWS and Azure to improve their exam scores and gain deeper insights in these topics.

Skills

Languages: C++, Python, HTML/CSS/JavaScript, MATLAB
Technologies: React.js, Next.js, Pandas, NumPy, Git, AWS, Azure, Adobe Photoshop
Certifications: AWS Cloud Practitioner, Microsoft Azure Fundamentals, ISC2 Certified in Cybersecurity
Interests: Barbering, Investing, Weightlifting, Volleyball, Basketball, Video Editing, Music, Vietnamese Culture, Traveling