Nitish Vijai

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Objective: I am a computer science major and passionate student interested in fields such as app and software development for desktop and mobile. I am actively seeking an internship for the summer of 2020.

Education:

Bachelor of Science – Computer Science and Engineering   anticipated May 2023

University of Michigan (College of Engineering) | Ann Arbor, MI

Current Coursework: Calculus 2 (MATH 116), Accelerated Intro to CS (ENGR 151), Discrete Mathematics (EECS 203)

High School Diploma – Honors   Class of 2019

Centerville High School (GPA: 4.2831 / ACT: 34) | Centerville, OH

AP classes taken: Calculus BC, Physics C (E&M and Mechanics), Chemistry, Statistics, English Language, Spanish Language

Experience:

Wright Scholar Research Intern   June 2019 – August 2019

Wright-Patterson Air Force Base (Air Force Institute of Technology) | Dayton, OH

- Worked with Lt. Col. Mark E. DeYoung, Ph.D. on Linux remote solutions
- Developed Python script to automate benchmark analysis on remote Linux devices and gather power and performance measurements via the ActiveDSO Win32 control over SSH connection to an oscilloscope
- Presented my findings and results in a professional outbriefing to the rest of the Wright Scholars

Web Developer Intern   June 2018 – August 2018

Mediterranean Shipping Company India | Chennai, Tamil Nadu, India

- Updated the live depot system, MSC OneVision, and HRMS system for MSC Technology (software division of MSC).
- Implemented a commodity and grievance system using HTML, JavaScript, and jQuery and for the back-end, ASP .NET MVC with C# via asynchronous programming
- Developed SQL tables and queries in Visual Studio to save user data for Human Resources department
- Learned and wrote documentation to describe Agile Software Development workflow

Honors/Awards:

National Merit Commended Scholar – *received score within top 1% of test-takers across nation on the PSAT*   2018

Eagle Scout Award, Troop 516 – *Eagle Project: install raised vegetable gardens at SCBHC in Moraine, OH*   2018

Science Olympiad: Olson Family Dedication Award – *earned for dedication, reliability, and healthy sense of humor*   2018

Science Olympiad: Spirit Award – *earned for team spirit during Science Olympiad competition season*   2017

Projects:

Personal Website (nitishv.dev)   June 2019 – Present

A personal website displaying a full list of past and current projects, along with a series of blog posts on software and other topics. I used Jekyll and Markdown to develop this website, hosted on GitHub.

Skills:

Programming: Proficient in C#, C++, Java, VB .NET, ASP .NET, and Python

Tools: Visual Studio, Jekyll (Markdown), and Bash (Unix)

Foreign Languages: Tamil (native fluency) and Spanish (advanced proficiency)