Don Ngo

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Objective:

Highly motivated computer science and mathematics major seeking a SWE internship to apply technical skills and contribute to innovative software development projects.

Education:

Bachelor of Science in Computer Science and Mathematics, Hood College, Frederick, MD (Expected Graduation: 2025)

- Relevant coursework: OOP, Advanced Data Structures, Algorithms, Database Management, Discrete Math, Multivariable Calculus, Statistics, Differential Equations

Skills:

- Programming Languages: Java, C++, SQL, R
- Web Development: HTML, CSS, JavaScript
- Version Control: Git
- Tools and Frameworks: Ruby on Rails, Node.js
- Mathematical Skills: Probability theory, Linear algebra, Calculus

Projects:

1. Statistical Analysis of College Scores in 2019 (R)
   - Conducted a comprehensive statistical analysis of college scores dataset using R programming language.
   - Performed data cleaning, exploratory data analysis, and visualization techniques to gain insights into the dataset.
   - Utilized statistical methods, such as hypothesis testing and regression analysis, to analyze the relationship between various factors and college scores.
   - Presented findings through data visualizations and provided actionable recommendations based on the analysis.
2. Restaurant POS and Database System with Website (Team Project)
   - Led the front-end development team, utilizing HTML, CSS, and JavaScript.
   - Collaborated with back-end developers to integrate a Pluto environment and MySQL database.
   - Developed a user-friendly website interface for managing restaurant operations and tracking inventory.
3. Timeboxing Web Application (Incomplete)
   - Explored full-stack development using Ruby on Rails and Node.js.
   - Tested skills in front-end and back-end development, including user authentication and task management.
   - Gained experience in agile development methodologies and project management.

Experience:

- Currently seeking a SWE internship opportunity.

Leadership and Extracurricular Activities:

- Founder's Scholarship recipient at Hood College, demonstrating academic excellence.
- Member of the Honors Program, participating in advanced coursework and research projects.

References:

Available upon request.