

James Pressley

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Summary:

Pursuing a BS in Computer Science at Towson University with an anticipated graduation date in spring 2024. Seeking full-time work in Software Development, Software Engineering and related fields.

Education

TOWSON UNIVERSITY | BACHELOR OF SCIENCE IN COMPUTER SCIENCE | EXPECTED GRADUATION: SPRING 2024

- Cumulative GPA: 3.35
- Academic Achievements: Dean's List Fall 2021, Fall 2023
- Relevant Coursework: Discrete Mathematics, Calculus I & II, Introduction to Statistical Methods, Data Structures and Algorithm Analysis, Principles of Computer Organization, Cyber Security, Intro to Computer Science I & II, Software Engineering, Operating Systems, Software Quality Assurance and Testing, Object Oriented Program Design, Database Management

Technical Skills

- Programming Languages: C, C++, Java, Python, Visual Basics, F#
- Web Development:
 - Front-End Technologies: HTML, CSS, JavaScript, React
 - Back-End Technologies: Node.js, Express.js
 - Database: MongoDB,
- Applications: Visual Studio Code, Net Beans, Microsoft Word, Excel & Powerpoint, IntelliJ, Eclipse, Photoshop, Zbrush

Technical Experience

- Proficient in object-oriented programming principles and experienced in developing applications using java, including a solid understanding of inheritance and polymorphism.
 - Experienced in writing basic programs for various applications using C++, including console-based programs and simple data structures.
 - Designed an algorithm which utilizes stacks to find the largest subsequent area within a histogram for two dimensions.
 - Designed an algorithm which utilizes inorder traversal to find the kth smallest value in a binary search tree with repeating digits.
 - Designed an application which allows users to reserve, search and return three different vehicle types.
 - Designed a mock pet adoption website using HTML, CSS, Node.js, Express.js and MongoDB.
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