Ben Stone

PROGRAMMER
Des Moines, IA
Iowa City, IA

PROGRAMMING

Java

Python

JavaScript

HTML5 & CSS3

C++

EDUCATION

B.A. Computer Science
B.M. Percussion Performance
University of Iowa
Current
Honors Program and Dean's List Member

SKILLS

Time Management

Patience

Organization

Strong Work Ethic

Reliability & Punctuality

Verbal & Written Communication

Leadership

Adaptability

Conflict Resolution

Data Structures

Algorithm Design & Analysis

Object-Oriented Design

Computational Reasoning

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CAREER SUMMARY

Hard-working and dedicated programmer with a proven history of creating efficient, clean, quality products through a strong work ethic. Proven ability to collaborate effectively with peers, foster an organized and focused work environment, and lead others by example. Passionate about technology, providing products exceeding expectations, and pursuing continuous personal growth through performance feedback and constant learning.

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER & WEB DEVELOPER   *2018 - Present*
University of Iowa Tippie College of Business, Iowa City, IA

Created a website using vanilla JavaScript and Google's Firebase relational database to collect and analyze data for research, created a program using Python to analyze the specificity of company 10-K documents, and created a program in Python to locate and store GHIN golf data.

- Rewrote an existing program into a more efficient and maintainable form, leading to use by over 100 research participants
- Implemented an administration authentication and session management system from scratch, creating a secure set of administrator controls
- Created an optimized program able to parse pages of text quickly and produce an organized and easy-to-read data spreadsheet
- Solve large abstract problems through methodical steps to create a product exceeding expectations
- Cultivate an open dialogue with superiors regarding program progress & requested changes

LIFEGUARD & WATER SAFETY INSTRUCTOR   *2018 - Present*
City of West Des Moines Parks and Recreation, West Des Moines, IA
Campus Recreational Services, Iowa City, IA

- Exhibited stellar performance leading to a management position in 2020
- Implemented a personal water slide question process, reducing the number of injured patrons on a particular slide under my watch to 0
- Voted "Best Attitude" and "Best Swim Instructor" by peers in both 2018 and 2019
- Performed 5 rescues with immediate victim identification and action
- Ensure safety of upwards of 650 patrons through preventative safety measures and constant vigilance
- Construct organized daily lesson plans for 4 separate classes of varying ability levels
- Review and assess individual performance and form plans for growth
- Continuously practice and improve lifeguard and CPR skills through weekly training and regular performance feedback
- Communicate clearly with peers, superiors, patrons, and victims in both high- and low-stress situations