

Ben Stone

PROGRAMMER
Des Moines, IA
Iowa City, IA

PROGRAMMING

Bash	JavaScript
C/C++	MySQL & SQLite
HTML5 & CSS3	PHP
Git	Python
Java	Tableau

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

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

STUDENT SOFTWARE ENGINEER

2020 - Present

Iowa Reading Research Center, Iowa City, IA

Created Bash scripts to increase programmer efficiency, assisted in the development and implementation of web applications aimed to help Iowa students learn more effectively and maintained an existing site with a wide userbase.

- Fielded customer support for an existing website with over 6000 users, reducing average response times by a day
- Reduced time spent on repetitive tasks by creating Bash and PHP scripts to manage word processing and database manipulation
- Developed software system designs in a small team with a focus on performance and reliability through continuous troubleshooting, debugging, and upgrading
- Restructured existing code to implement new ideas and increase efficiency while integrating support for third-party programs
- Implemented designs quickly, consistently meeting deadlines
- Created processes for data analysis using data created in projects
- Acquired skills in Bash, PHP, and SQL quickly with no prior experience
- Developed clear documentation for programs and procedures related to them with a focus on layperson accessibility

SOFTWARE ENGINEER & WEB DEVELOPER

2018 - 2020

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
- Solved large abstract problems through methodical steps to create a product exceeding expectations
- Cultivated an open dialogue with superiors regarding program progress & requested changes



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