

David K. Besen

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SUMMARY

Accomplished software engineer with a desire to advance the state of the art.

EDUCATION

M.S. in Computer Science, Spring 2019
Colorado State University, Fort Collins, CO
GTA for several classes
All coursework and thesis with defense complete

B.S. in Computer Science, May 2008
Colorado State University, Fort Collins, CO
Graduated Summa Cum Laude

WORK EXPERIENCE

Hewlett-Packard/Hewlett-Packard Enterprise, Fort Collins, CO, May 08 - Jul. 16
Software Engineer

- Developed software to manage private clouds
- Responsible for every phase of project development, including project estimation and requirements gathering, design, implementation, and testing
- Solved a wide variety of programming problems, including those related to UI design, architecture, performance, operating system interoperability, and virtualization
- Influenced the team to adopt a variety of development techniques, including test-driven development and pair programming
- Collaborated using a Scrum/Agile framework; handled ScrumMaster duties
- Became and maintained position as the git expert for the lab
- Languages used included Python 2.6/2.7, Java, and shell scripting

PhoneBase Research, Fort Collins, CO

Application Developer, Summers 05 - 07

- Created several applications from the ground up, including a web-based quality assurance application and a database-driven financial reporting utility
- Worked both alone and on a team; practiced pair programming and other modern software engineering techniques

System Administration/Development, Aug. 03 - Dec. 04

- Oversaw the IT department; performed managerial tasks, implemented disaster recovery methodologies, and provided technical support for 3 call center locations
- Automated more than half of my previous programmer position, allowing the department to accomplish more work with fewer employees
- Using a small staff of IT personnel and programmers, engineered many in-house administrative applications which streamlined the majority of the company's operations
- Administered various kinds of Windows and Linux servers including database, email, file-sharing, and application servers, as well as hundreds of workstations
- Languages used include PHP, Perl, C/C++, Visual Basic, shell scripting, and some x86 ASM

Programmer, Jul. 99 - Aug. 03

- Translated logic to a proprietary in-house system
- Manipulated data using Microsoft Excel, C++, and Visual Basic
- Responsible for the integrity of data along the entire collection process

City of Boulder, Boulder, CO, May 97 - Aug. 97

Assistant Senior Ranger

- Assisted Senior Ranger in management of a crew of 12 teenagers to build and maintain hiking trails in the Boulder Mountain Parks
- Duties included interviewing, training, supervising, and reviewing, as well as trail maintenance
- Trained in CPR, driving safety, teamwork skills, and environmental awareness