

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**, anticipated Spring 2019
Colorado State University, Fort Collins, CO
GTA for several classes
All coursework complete; thesis with defense upcoming

B.S. in Computer Science, May 2008
Colorado State University, Fort Collins, CO
Graduated Summa Cum Laude with a GPA of 3.983 on a 4.0 scale

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