**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 |