

# Resume

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## Education

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**2002:** Corvallis High School

**2008:** BS in Computer Science, University of Montana

## Technologies

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### Languages

- Java
- C++/C#, including .NET
- PHP
- Python
- ColdFusion
- ASP

### Web

- JavaScript / AJAX
- jQuery
- Apache
- Microsoft IIS
- Paypal API
- Google Maps API

### Databases

- Microsoft SQL Server
- MySQL
- SQLite
- PostgreSQL

### Operating Systems

- Windows desktop environments
- Windows Server 2003
- Mac OS X and Classic
- Linux (Ubuntu)

### Other Technologies

- Citrix
- Network programming
- Network infrastructure and troubleshooting
- Computer hardware
- OpenGL and Direct3D

## Skills

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- Software engineering, including all steps of software development process.
- Code maintenance and support.
- Strong people skills, especially technical support, education, and supervision.
- Writing end-user instructions and programmer documentation.
- Strong communications skills, especially public speaking and writing.
- Customer service, including phone, desktop, and in-person support.
- Visual design, including web, page layout, images, and software GUIs.

## Work Experience

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**June 2008 – Present:** Backend Developer, BigforkWEB Development.

- Instrumental in bringing in new clients through technology code demonstrations.

- Evaluated, designed, and implemented custom web applications for diverse clients.
- Maintained, troubleshot, and upgraded existing systems.
- Balanced many projects on tight deadlines simultaneously.
- Improved development methodologies, with focus on security and best practices for the web.
- Lead troubleshooting and security investigations on legacy sites that were attacked.

**Dec. 2005 – May 2008:** RTA Coordinator, DirectConnect Office, University of Montana.

- Supervised tech support staff for 10 residence halls, including office scheduling, timecard management, discipline, and training.
- Participated in yearly hiring of new support staff.
- Managed programming team responsible for web-based connection center.
- Oversaw complete redesign of internal web-based tool, including system architecture and integration, porting from ColdFusion to PHP, testing, and documentation.
- Designed and implemented custom access management system for 3000+ dorm residents, including coding custom DHCP server, coding web setup interface, and setting up and maintaining connection server.

**Aug. 2004 – Nov. 2005:** Resident Technology Assistant, DirectConnect Office, University of Montana.

- Provided tech support for 400 residents and student staff in Jesse Hall.
- Worked support desk, including phone support.
- Provided tech support for departments of the Division of Student Affairs.
- Developed and maintained internal web-based connection center.

### **Extracurricular Activities and Awards**

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- 2008 Outstanding Senior, UM Computer Science Department.
- Vice-President, UM Computer Science Club.
- Computer Science Department student evaluation committee member.
- Intramural Ultimate Frisbee team.

### **Portfolio**

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A web-based portfolio of my work is available at <http://daveshort.org/>

### **References**

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I can provide a list of references upon request.