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Cole M. Knutson

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Objective:
To obtain full-time employment in the Twin Cities metro as a front-end developer

Work Experience:
ImageTrend Inc.   05/15 to present
Software Engineer
- Work on ImageTrend's flagship product, "ImageTrend Elite", a large piece of software used by EMTs and Firefighters on the scene
- Use the best HTML, CSS, and Javascript practices to make the application maintainable, scalable, and reusable
- Use CSS @media queries in order to make the pages highly responsive to user adjustments to windows and containers within the page
- Use the Knockout framework to effectively create pages that responded quickly to user input
- Use .NET for all server-side logic
- Made the entirety of "Elite" useable by keyboard alone to achieve ADA compliance
- Create stored procedures in SQL Server that perform queries against the sprawling Elite database
- Use Git for version control, often times utilizing local branches to quickly switch between work when priorities change
- Adapt code to browsers that have different ways of handling logic, such as Internet Explorer's stubbornness
- Use CSS to make the application look clean, organized, and aesthetically pleasing
- Keep up to date with the latest, best practices in all languages that I work with
- Regularly review my own and others code before any pushes to production
- Create tickets in TFS and Jira for issues I encounter while working on other logic
- Participate in daily scrums and post-scrums to keep in touch with my team day-to-day
- Maintain documentation for new modules I create, or write documentation for difficult-to-understand parts of the software I encounter
- Assist both veteran and beginner Elite co-workers alike when they don't understand how something works

Maverick Software Consulting/Thomson Reuters   08/13 to 05/15
Software Engineer
- Worked as an intern at Mankato for Maverick Software, a collaborative effort between Maverick Software Consulting, MSU and Thomson Reuters which allows students to develop real world experience in IT positions
- Wrote and maintained Perl scripts used to convert various forms of data into a standardized XML format
- Wrote and maintained Unix shell scripts used for data mining
- Analyzed data-mining scenario to identify specific data capture procedures
- Participated in an agile development process that included daily scrums, regular stand-ups, planning and iteration retrospective meetings and interface functionality demonstrations
- Lead and participated in code reviews
- Performed code demonstrations of project work and utility programs I wrote
- Wrote technical documentation for project codebases and workflow processing
- Tracked and maintained work items and bugs for projects using Team Foundation Server
- Contributed to source control version management and deployments to production environments using Anthill Pro
- Collaborated with software deployment team to build and deploy applications
- Trained new intern and full-time team members
- Wrote daily status emails to team detailing work activity
- Assisted in the interview process to help evaluate potential employees

Professional Skills:

Languages – Experienced:		Languages – Familiar:		Application:	Systems:
Javascript	HTML	Perl	C++	Visual Studio	Windows 7/8/10
CSS	C#	C		Sublime Text	Linux
Java	SQL			Team Foundation Server	UNIX
Knockout	BASH			Git Repository	
				JIRA	

Education:
Minnesota State University, Mankato   Minor: English   May 2015
Bachelor of Science: Information Technology   GPA: 3.2