

Nathan Friend

SUMMARY	<p>I am a front-end software engineer with a passion for creating elegant solutions to complex problems. I am fascinated with usability and aesthetics and strive to create beautiful, productive software. I thrive in team environments and love learning new technologies and methodologies. As a self-motivated learner, I am continually seeking ways to sharpen my skills and deepen my knowledge in all areas related to the software industry.</p>	
EDUCATION	Masters of Human Computer Interaction Iowa State University, Ames, IA 50011 Expected Graduation: June, 2019	
	Bachelor of Arts in Computer Science: System Administration Minor in Music Performance: Cello Dordt College, Sioux Center, IA 51250 Graduation: May, 2013	
TECHNICAL SKILLS	<p>Languages: JavaScript, TypeScript, C#, CSS, Less, Sass, HTML, SQL</p> <p>Frameworks, Libraries, and Platforms: AngularJS, Angular, Knockout, D3, AngularJS Material, Angular Material, Bootstrap 3, .NET and .NET Core, Node, Hapi, Electron, Jasmine, Karma, WebdriverIO, Solr, jQuery, WebGL, WPF, Web API 2, Entity Framework, Keycloak, Oracle, SQL Server, NGINX, Apache, Ubuntu</p> <p>Tools: Webpack, Gulp, Grunt, NPM, Angular CLI, Yeoman, Jenkins, Git, SVN, TFVC, TFS, Jira, Confluence, Upsource, Docker, AWS, Visual Studio, Visual Studio Code, Balsamiq Mockups, Agile/Scrum</p> <p>Concepts: Single Page Applications (SPAs), internationalization (i18n), web analytics, unit testing, continuous deployment, user experience testing, REST API design, cross-browser debugging, responsive design, developer workflow optimization</p>	
EXPERIENCE	Computer Systems Analyst for DeltaWare	<i>August 2016 - current</i>
	<ul style="list-style-type: none">• Architected the front-end for DeltaWare's newest line of web products• Lead AngularJS to Angular 2+ conversion effort• Introduced and implemented TypeScript for compile-time safety• Optimized developer workflows with Yeoman generators, incremental building, and LiveReload capability• Assisted in the hiring of several new employees• Performed code reviews for new employees and served as their primary technical mentor• Implemented Google-like searching functionality using Solr• Worked directly with clients and business owners to capture requirements, review designs, and demo prototypes• Pushed for best practices such as continuous deployment, code reviews, UI mock-ups, open source participation, and documentation	