

# James Hester

software developer

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[www.youtube.com/GhostTownGrey](http://www.youtube.com/GhostTownGrey)

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## Professional Summary

- + Determined Software Developer with an aptitude for problem solving, a passion for technology, and the tenacity to overcome challenges.
- + Experience building web applications using Node, Angular, jQuery, HTML, Javascript and CSS.
- + Desire to contribute to successful teams while developing the skills and relationships that will allow me to progress as a software developer.

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## Technical Expertise

**Programming:** Node, Express, Grunt, jQuery, HTML, JavaScript, Sass, CSS, Angular, .NET, C#, Jasmine, Karma, SQL, MUMPS  
**Software:** Microsoft Visual Studio, WebStorm, Sublime Text, Cache Studio, Adobe Photoshop/Illustrator, JIRA, Confluence  
**Database:** Microsoft SQL Server, MongoDB, InterSystems Cache  
**Operating Systems:** Windows, OSX, iOS, Android

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## Professional Experience

**Web Developer – NAVEX Global | Lake Oswego, OR | June 2015 – Present**

- + Creating web intake sites for online reports using jQuery, HTML, Javascript, and CSS with a strong focus on cross-browser compatibility. Work around heavy restrictions against front-end library use. Only jQuery is allowed.
- + Working on automated tool for extracting text and contextual inline HTML tags from static HTML, Javascript, and CSS files using an API built on an Express server in Node with automated build using Grunt. An excel file is built and styled from the output data using Node. Set up user authentication using Passwordless. User can review and edit data in table before creating spreadsheets.
- + Implemented SCRUM and Agile development with team for working on additional projects outside normal case work. Acting as SCRUM master, running all daily stand-ups, sprint planning, retrospectives, sprint reviews, etc. Set up and run an Agile board in JIRA to track sprints, stories, and tasks, estimate work, and create/update backlog.
- + Set up Subversion repository for development and automated update of Express server on commit.
- + Set up automated development build tools using Grunt to compile Sass, Prettify and Beautify files, watch for changes to file directories, organize CSS properties, live reload CSS and HTML in browser, etc.
- + Built tools for scraping data from internal web applications. Automated previous manual process for retrieving, updating, or adding data within internal administrative tools. Automated folder creation and mass file downloading of working/archive files from online media are where production code is stored.
- + Built prototype test suite using Jasmine to automate QA processes.

**Junior Software Engineer – Axis Clinical Software | Portland, OR | September 2014 – June 2015**

- + Worked on Agile team developing Axis' Patient Analysis & Tracking System using a variety of technologies.
- + Responsible for build process across entire application suite. Crafted build process for new web-based application utilizing Grunt, including front-end unit testing of AngularJS code using Karma and Jasmine. Other features of build included compilation of LESS files into CSS, minifying using UglifyJS, file versioning, source-control integration with Mercurial, and copying files across company network. Later used Grunt to automate build process for flagship application, which was previously done manually using older technologies.
- + Worked on development of new web-based application using AngularJS on the front-end, Node.js on the back-end, and EWD.js to interface with a Cache database. This application was intended to replace the current flagship application utilizing current technologies while maintaining functionality with current server code written in MUMPS. Used JetBrains' WebStorm to write testable Angular modules, controllers, directives, etc. that mimic the current client functions. Node.js modules were written to handle client-side requests from EWD.js, communicate with Cache, and process the data.
- + Developed system to bridge current VCS in SourceSafe with new VCS in Mercurial. Changes in SourceSafe are pushed to Mercurial automatically without effecting the current development process.
- + Created reporting tools for flagship application using .NET, C#, VB, and MUMPS. Guidelines for gathering metrics for reporting are provided by certified medical organizations and then processed into algorithms used to output results. Requires considerable amount of debugging to determine validity of data output.

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## Professional Experience continued...

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### Software Development Student - The Tech Academy | Portland, OR | June 2014 – September 2014

- + Learned the fundamentals of software development through The Tech Academy's Software Developer Boot Camp.
- + Worked quickly through the introductory material and moved on to advanced drills and live projects.
- + Obtained Microsoft Technology Associate Software Development Fundamentals certification.
- + Studied .NET framework, including basic syntax of C# language and learned the principals of object-oriented programming using C#. Created online store front for fictional toy company to demonstrate proficiency with .NET framework.
- + Created mock band website using HTML, CSS and JavaScript to demonstrate knowledge of web technologies.
- + Created contact application for mobile using AngularJS, HTML, and CSS, as well as Cordova, which allows you to develop mobile apps for iOS, Android, and Windows phone using web technologies without needing to write code for each platform.
- + Worked as a member of an Agile team for initial development of The Tech Academy's content management system using ASP.NET, Entity Framework, and SQL Server, hosted on Microsoft Azure.
- + Learned fundamentals of Relational Database Management Systems by writing statements to query a SQL database to access and manipulate data.

### Production Tech – Various Locations | Between 2010 - 2014

- + Machine Operation at manufacturing plants producing integrated circuits, solar panels, and circuit boards.
- + Utilized custom interfaces to operate manufacturing machinery and monitor quality metrics and safety mechanisms.
- + Companies include Triquint Semiconductor, Solarworld USA, Via Systems, and Cypress Semiconductor.

### Microelectronics Student – Portland Community College | Fall 2011/Spring 2012

- + Studied microelectronics at Portland Community College. Classes covered history, application, engineering, and manufacturing of integrated circuits.
- + Collaborated with other students on team projects and activities.
- + Projects focused on binary systems and creation of simple circuits on breadboards based on diagrams and written instructions.

### Customer Service Representative – Verizon Wireless | August 2006 - March 2009

- + Completed hardware and software troubleshooting, and maintained customer accounts.
- + Demoed cutting edge technology and offered assistance setting up email accounts, applications, wireless cards, hotspots, etc.