

## APPLICATION DEVELOPER

## JONATHAN TROWBRIDGE

### EDUCATION

**B.S. COMPUTER SCIENCE | VIRGINIA COMMONWEALTH UNIVERSITY '13**

### QUALIFICATIONS

<b>Languages:</b>	C#, JavaScript, T-SQL, PL/SQL, Java, Perl, HTML5/CSS3
<b>Web Technologies:</b>	ASP.NET MVC, AngularJS, Node.js, Mean.js, Express, Backbone, Marionette, Dojo, Grunt, Underscore, Knockout, Bootstrap, Handlebars, jQuery, ArcGIS JavaScript API
<b>Databases:</b>	MongoDB, SQL Server, Oracle, PostgreSQL
<b>Source Control:</b>	Git, Subversion
<b>IDEs/Tools:</b>	Visual Studio, Sublime Text 3, Postman, SQL Server Management Studio, SQL Developer, Eclipse, NetBeans, Resharper, Fiddler, Vim
<b>Operating Systems:</b>	Windows, Linux (Arch, Ubuntu)

### WORK HISTORY

#### **APPLICATION DEVELOPER | WORLDVIEW SOLUTIONS | RICHMOND, VA | FEB. '13 – FEB. '16**

- Migrated an existing .NET Web Forms application to a new Backbone/Marionette framework and ASP.NET Web API. The project was a watershed pollution management module for the Virginia Department of Environmental Quality's Total Maximum Daily Load program
- Worked as part of a team to develop a resource conservation management planning module for the Virginia Department of Conservation and Recreation's Best Management Practice tracking program
- Implemented a large portion of the complex claims-based permitting workflow utilized by the Virginia Department of Environmental Quality's Storm Water Construction General Permitting process
- Implemented claims-based authentication, a user management system, and account email workflow to an existing Air Force recruiting application using the ASP.NET Identity provider
- Worked as part of a team to develop a land and water resource planning software called PracticeKeeper
- Migrated a non-profit website used to promote exercise in K-12 students from jQuery to Dojo

#### **JUNIOR DEVELOPER | GALLIUM TECHNOLOGIES | RICHMOND, VA | APR. '12 – FEB '13**

- Developed, documented, and deployed features into an existing MVC web application
- Maintained and administered a PostgreSQL database
- Updated legacy components for compliance with current web standards

#### **ADMINISTRATIVE ASSISTANT | MARFAIR JOINT VENTURE | D.C. | MAY '11 – AUG '11**

- Invoiced tenants and helped with updating tenant records
- Property and account management

**QUALITY ASSURANCE INTERN | PREMATIC'S INC. | VIENNA, VA | JUL. '08 – DEC. '08**

- Developed unit tests using Perl and the Selenium browser automation framework
- Managed, updated, and added customized Python plugins for Trac bug tracking system

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**REFERENCES**

**Jamie Christensen - President and Founder of Worldview Solutions Inc.**

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