

APPLICATION DEVELOPER

JONATHAN TROWBRIDGE

EDUCATION

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

QUALIFICATIONS

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

- Develop, document, and deploy new features into existing MVC web application
- Maintain and administer a PostgreSQL database
- Update outdated components for compliance with current web standards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

REFERENCES

Jamie Christensen - President and Founder of Worldview Solutions Inc.

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