

Vanessa Roycroft

📍 Fredericksburg, VA | 📞 (540) 903-3130 | ✉️ vmroycroft@gmail.com | 🌐 vanessaroycroft.com

Summary

Enthusiastic, motivated software engineer with 6+ years of experience throughout the software development life cycle. Hard-working team player dedicated to efficiently solving problems and providing an exceptional user experience. Strong in web application design and development. Skilled in developing requirements specifications, software design documentation, and user documentation. Willing to take ownership of core software components and activities.

Technical Skills

- **Languages:** JavaScript, HTML5, CSS3, PHP, C#, Java
- **Database Systems:** MySQL, SQLite, Microsoft SQL Server
- **Web Servers & Backend Runtimes:** Apache, IIS, Node.js
- **Frameworks:** jQuery, Bootstrap, Materialize, AngularJS, Experience API, .NET
- **Tools:** Grunt, NPM
- **Version Control Systems:** TortoiseSVN, Git
- **Web Services:** Amazon Elastic Compute Cloud
- **Operating System Platforms:** Windows, Linux, Mac OS X
- **Certifications:** CompTIA Security+

Experience

Senior Software Engineer

2011 – Present

Tech Wizards, Inc. - King George, VA

- Collaborate with fellow developers, graphic artists, testers, and instructional systems designers to plan, design, develop, test, and improve full stack web applications used by the US Navy
- Rapidly create application prototypes to confirm project feasibility and transition prototypes to fully developed applications
- Create and maintain software requirements and priorities to direct junior developers on software development
- Write and review technical documents including Software Requirements Specifications, Software Design Documents, Training Requirements Documents, Software Users Guides, Software Installation Instructions, Project Proposals, and White Papers
- Test and perform code reviews on various software components and projects
- Meet with clients to determine software requirements, demonstrate software, and discuss feedback on software
- Deploy and maintain web applications on remote Amazon Elastic Compute Cloud instances
- Facilitate and provide support for beta tests of training software with US Navy students
- Assist with project demonstrations to clients and key leadership in interested organizations

Application Development Scholar

2010

University of Mary Washington Summer Science Institute - Fredericksburg, VA

- Designed and implemented an iPhone application which displayed upcoming concerts in the user's local area
- Delivered a formal presentation of my work to fellow scholars and professors

Education

Bachelor of Science in Computer Science

Graduated 2011

University of Mary Washington - Fredericksburg, VA

- Concentration in Computer Information Systems

Interests

- Designing, developing, and managing my personal website
- Snowboarding, kayaking, and running

References for **Vanessa Roycroft**

Heather Martin

Associate Engineer
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Former Colleague

Known since 2014
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Colleague

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Supervisor

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