Vanessa Roycroft

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

Summary

Well-rounded, motivated software engineer with 8 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 (ES6), HTML5, SCSS & CSS3, PHP
- **Database Systems:** MySQL, SQLite, Microsoft SQL Server
- **Web Servers & Backend Runtimes:** Apache, IIS, Node.js
- **Frameworks:** Vue.js, jQuery, Bootstrap, Materialize, Experience API, .NET
- **Tools:** npm, Gulp, Babel
- **Version Control Systems:** Subversion, 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

- Lead teams of engineers on the design and development of training web applications used by the US Navy
- Communicate with engineers, graphic artists, instructional systems designers, and testers to plan, design, develop, test, and improve applications
- Build full stack applications by writing well-organized, maintainable code using a variety of frontend frameworks and backend technologies
- Rapidly create application prototypes to confirm project feasibility and transition prototypes to fully developed applications
- Write and review technical documents including Software Requirements Specifications, Software Design Documents, Training Requirements Documents, Software Users Guides, Software Installation Instructions, Contract 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 applications
- Deploy and maintain web applications on remote Amazon Elastic Compute Cloud instances
- Facilitate and provide support for beta tests of training applications with US Navy students

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   **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
Magic Leap
7500 West Sunrise Boulevard
Plantation, FL 33313

Former Colleague
Known since 2014
(703) 994-1254
heather.martin.cpsc@gmail.com

Kenneth Allwine
Director of Technology
Tech Wizards, Inc.
17002 Dahlgren Road
King George, VA 22485

Colleague
Known since 2011
(540) 273-0141
kenneth.allwine@tech-wizards.com

Ken Clark
President
Tech Wizards, Inc.
17002 Dahlgren Road
King George, VA 22485

Supervisor
Known since 2011
(540) 469-4099
ken.clark@tech-wizards.com