

Brian Horvat

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Education	The Ohio State University , Columbus, Ohio B.S. Computer Science and Engineering	Expected June 2020
Skills	Languages: Java, C/C++, JavaScript, Python, Ruby Web & Databases: HTML, CSS (+ Sass), Vue, Node MySQL, Postgres Tooling: Git (+ Github), Docker	
Experience	NASA Glenn Research Center Safety and Mission Assurance, Software Assurance Intern	June 2018 – August 2018
	<ul style="list-style-type: none">Assisted with the development and maintenance of the Software Assurance Planning and Execution (SAPE) tool, a tracker for software assurance activities that is being deployed to all NASA centers for use by software assurance engineers.Overhauled the SAPE Metrics Dashboard (SMD), a data analysis tool for SAPE built in Java, to increase maintainability and flexibility by updating its codebase to modern language standards and implementing an extensible user interface component system.Authored both end-user and developer documentation for SMD and performed edits on preexisting SAPE documentation.	
	The Ohio State University Student Instructional Assistant	August 2017 – Present
	<ul style="list-style-type: none">Assisted in twice-weekly laboratories intended to give students hands-on experience with Java and fundamental programming principles.Graded students' homework and programming assignments on criteria such as proper application of taught principles, correct and thorough code testing procedures, and clarity and documentation. <p>Collaborated with other teaching assistants to create a repository of standard solutions for course materials and to standardize grading rubrics used across all sections of the course.</p>	
Projects	Benjamin Horvat Photography • benhorvat.com A responsive Vue.js SPA photography portfolio, designed with fluidity and simplicity in mind, featuring a seamless, native-feeling image lightbox. Consumes a headless CMS on the back-end for minimal server overhead and easy content authoring.	
	Surf or Sound Client Database An easy-to-use client database system with a responsive Vue.js SPA front-end driven by a Node and Express back-end, utilizing GraphQL to provide a powerful and performant API.	
	More projects available at github.com/BrianHorvat .	