

Brian Collins | bc@newmachines.xyz

Consultant, Newmachines, 2019-Present. Advising a diverse array of clients on all phases of web applications design and development, including requirements gathering, identifying cost-effective solutions, prototyping, product development, testing, launch and maintenance.

Web Publisher, Apple Inc. (Harvey Nash), 2018-2019. Collaborated with writers, editors and graphics producers to develop Apple's BizWeb content platform for its global enterprise salesforce. Primary responsibility for day to day operations of the BizWeb CMS (Adobe Experience Manager). Completed two major upgrades to the site in collaboration with internal development team.

Full Stack Web Developer, Backroads.com, 2018. Full stack developer at Backroads.com, leader in adventure travel. Developed and maintained multimedia modules for the commerce site. Extended unified brand identity to the UI/UX of the Backroads.com blog (WordPress). Authored custom JavaScript for SEM dynamic retargeting.

Full Stack Web Developer, Institute for Scientist and Engineer Educators, UCSC, Santa Cruz, CA, 2018. Completed two major site redesigns (WordPress) for ISEE. Worked with stakeholders to confirm user requirements and develop mockups (Sketch). Upgraded installations, including databases. Migrated content. Led UAT.

Full Stack Web Developer, Dartmouth College, 2015-2017. Full stack developer at Dartmouth's Geisel School of Medicine and technical lead for the HVHC Resource Portal, a web application for healthcare improvement specialists. Collaborated with third-party developer to customize WordPress installation for the Resource Portal, including HTML, CSS, JavaScript (jQuery and Datables.js), PHP and SQL database. Managed full arc of product development: requirements gathering, product design (UX and database), technology sourcing, proof of concept, full stack development, verification and validation, deployment to production, documentation and maintenance. The Resource Portal was a major deliverable for a 4 million dollar grant from the John and Laura Arnold Foundation.

Full Stack Developer, Holderness School, 2013-2014. Full stack developer at the Holderness School and technical lead for its strategic planning initiative. Integrated commercial online survey service with custom SQL database. Worked with stakeholders to develop a query interface based on their analytics plan. Designed and developed data visualizations for final reporting. Developed a beta Drupal installation for the school, preliminary to a major site redesign, including custom HTML, CSS, PHP and SQL.

Ph.D. University of California, Santa Cruz, CA
B.A., Vassar College, Poughkeepsie, NY