# BRIAN NGUYEN

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## PROFESSIONAL EXPERIENCE

**Peloton Interactive**  2021 – Present
*Software Development Engineer in Test III*  Remote

- Collaborated cross-functionally to create and execute test plans to ensure quality front-end and back-end systems for the Corporate Wellness team and key initiatives, which increased subscriptions by over 4x
- End-to-end tested user flows, portals/dashboards, and eligibility/benefit systems to ensure seamless B2B partner configuration, onboarding, and reporting, and B2C purchase flows
- Implemented and maintained automated end-to-end tests, using Percy and Cypress/Playwright for our B2B and B2C webpages, on CI/CD environments
- Led scoping, prioritization, and planning for testing/automation across B2B projects, and delegated tasks to ensure projects were successfully and effectively delivered
- Implemented standardized testing procedures/best practices and improved infrastructure to increase quality, efficiency, scalability, and output

**ServiceNow**  2017 – 2021
*Software Quality Engineer*  La Jolla, CA

- Collaborated cross-functionally with designers, developers, and product managers to deliver a performant, accessible, and fully customizable design system
- Led testing and automation for the theming initiative across existing and new React and D3 Now Design System web components and data visualizations using Javascript, BackstopJS, Playwright, and Pixelmatch
- Implemented testing infrastructure and end-to-end test plans to cross-browser test APIs, layout/styling, internationalization, localization, accessibility, and user interactions on the design system with speed, quality, and scalability
- Launched a visual regression testing tool to automate test plans, which decreased regression testing time by 75% and hastened quality product delivery

*Quality Engineering Intern*

- Conducted patch regression, and qualifications testing on new and old UI/UX features on the SN platform
- Triaged and verified test failures and fixed targets
- Developed JavaScript, WPT, and JMeter scripts to extract, parse, analyze, and organize performance metrics to identify degradations in customer and internal SN builds
- Developed integrated scripts that extract Webpage Test results from SN platforms to organize and send to customers/management using JavaScript

**Northrop Grumman Corporation (Aerospace Systems)**  2016 – 2017
*Software Engineering Intern*  San Diego, CA

- Conducted proprietary software qualifications tests for the U.S. Air Force, Republic of Korea, and NATO
- Ran simulators for Unmanned Aerial Vehicles
- Automated software test procedures for Unmanned Aerial Vehicles using VBA and Excel

## EDUCATION

**University of California, San Diego**  2016 – 2019
B.S. Cognitive Science with specialization in Human Computer Interaction  GPA: 3.41

**San Diego State University**  2014 – 2016
B.S. Computer Science  GPA: 3.63