

BRANDON KNIERIEM SOFTWARE ENGINEER

TECH

HTML5, CSS3, JavaScript
jQuery, ES6+
Node.js, Express.js, EJS
ASP.NET, VB.NET
MongoDB
NoSQL, SQL
Selenium, Backstop.js, nUnit
C#, VB, Python, C/C++, Java
Adobe XD/Creative Cloud
Unity SDK

Actively pursuing:

React, Redux, and JavaScript
based stacks

SKILLS

RESTful routing, Promises,
APIs, schema and object
model architecture, leading
design/UX process maturity,
agile project management,
teaching/mentorship

EDUCATION

UXQB Certified Professional
for Usability and UX (CPUX-F)
International Quality Institute

M.S. Computer Science
University of New Haven

WEB SPECIFIC EXPERIENCE

FULL STACK SOFTWARE ENGINEER • ATHLETEREG • 06.18 – 03.20

- Designed, prototyped, implemented, and tested dozens of director and participant features for duration of two-year, mobile first, redesign initiative for [athletereg.com](#) and its portals e.g. [BikeReg](#)
- Created a style guide, style sheet, snippets, feature designs, and interactive prototypes, used by all 5 developers and 2 designers [Portfolio](#)
- Led design and UX maturity for company; created new policies and procedures based on best practices to achieve iterative, human-centered design
- Collected prototype feedback from 12 stakeholders using surveying and master-apprentice style test instruments
- Wrote over 70 self-automated feature tests for style regressions and web driver tests

BACK END SOFTWARE ENGINEER INTERN • ACUITY • 10.17 – 01.18

- Sustained portal for commercial smart lighting control: Acuity's ASP.NET SensorView web app [Demo](#)
- Developed new Virtual WallPod WiX Toolset installer and integrated into SensorView package process using MSBuild [Video Portfolio](#)

***Note:** These are my most web relevant experiences. Please see my [LinkedIn](#) for additional professional experience and leadership.*

EXTRACURRICULAR PROJECTS

- Backlogged: A live full stack Node.js app. [Repository](#)
- [\(2018\) An Overview of the Usage of Default Passwords](#)



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