Bradley Schwarz

SOFTWARE DEVELOPER

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Summary

Full Stack Engineer currently looking for a new role. I have 7+ years experience specializing in frontend development, interface design, and making complex systems easy to use. I enjoy looking at the fundamental aspects of a product's design by examining its meaning and the purpose it brings to the world. The answers are discovered through the interplay of form and function.

Work Experience

Thetacore
Lehi, Utah (remote)

SOFTWARE DEVELOPER · *April 2021 - June 2024*

- Participated in fast paced iterative early startup product development and brainstorming
- Lead a standup meeting for a small team of frontend engineers
- Participated in prototyping an intensive caching Vue js progressive web application
- Assisted with the design and development of a Administration dotnet application
- Implemented numerous product features relating to chat, team management, and user connection for a Blazor Dotnet application
- Assisted with developing an automation test suite utilizing microsoft playwright
- Prototyped and developed graphical visualizations for product needs

Aqueti Inc.
Durham, NC

SOFTWARE DEVELOPER · *Sept 2016 - April 2021*

- Lead a small team to create a distributed ecosystem for viewing, and maintaining Aqueti camera systems
- Designed, built, and deployed Vue progressive web application for administrative management of Aqueti camera systems
- Designed an overall service architecture and pipelines for supplying high quality streaming to browsers using GStreamer and WebRTC
- Implemented Socket.io API layer for Aqueti OS allowing for cross platform applications integration
- Participated in the design and implementation of a scalable image acquisition and and compositing system consisting of high resolution multi-sensor camera arrays with distributed rendering and storage

Education

North Carolina State University
Raleigh, NC

B.S. IN COMPUTER SCIENCE AND ENGINEERING · *Aug. 2012 - May. 2016*

- Minor in Cognitive Science

Extracurricular Activity

Artist Blacksmith
Durham, NC

HARK AND HEED · *June 2021 - Present*

- Research historic ironwork techniques and methods
- Create artistic ironwork through iteritive process development

Cognitive Psychology Research
Raleigh, NC

NC STATE HUMAN FACTORS AND ERGONOMICS · *Jan. 2018 - Feb. 2019*

- Designed and implemented study to determine correlations between mindfulness and aspects of cognition
- Designed study to examine the potential negative effects of mindfulness and automated tasks

Skills

Back-end	REST API, Socket.io, Flask, QT, Dotnet
Front-end	HTML5, Vue, React, Vuetify, Bootstrap, Dotnet
Programming	Python, JavaScript, C, C++, CSS, C#