

UX/UI DESIGNER · SOFTWARE DEVELOPER

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Summary_

Current UI/UX Engineer at Aqueti. 4+ years experience specializing in frontend development, interface design, and making complex systems easy to use. Interested in...

Work Experience

Aqueti Inc.

Durham, NC

Software Developer Sept. 2016 - Present

- · Lead a small team to create a distributed ecosystem for viewing, and maintaining Aqueti camera systems
- Designed and build Vue Electron Application Client for camera specific viewing Experience
- · 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
- Assisted in designing C API for Aqueti OS
- · Designed and Implemented various QT applications for setup, maintenance, and operation of Aqueti camera systems
- Participated in the design and implementation of a scalable image acquisition and and compositing system consisting of high resolution multisensor camera arrays with distributed rendering and storage

 Oscar Labs
 Raleigh, NC

 Software Developer
 Jan. 2014 - May. 2016

• Participated in the design of a web application to track and organize projects

Assisted with the development and maintenance of various Django applications

Education

North Carolina State University

Raleigh, NC

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Aug. 2012 - May. 2016

• Minor in Cognitive Science

Extracurricular Activity

NC State Human Factors and Ergonomics

Raleigh, NC

COGNITIVE PSYCHOLOGY RESEARCH

- · 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-endDjango, REST API, Socket.io, Flask, QTFront-endHTML5, Vue, Electron, Vuetify, Bootstrap

Programming Node.js, Python, LaTeX, JavaScript, C, C++, CSS

Additional Experience and Awards

2012 **Eagle Scout**, Boy Scouts of America

Charlotte, NC

2011 Fine Arts, The Governors School of North Carolina

Raleigh, NC

October 27, 2018 Bradley Schwarz · Résumé