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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 Sept. 2016 - Present

SOFTWARE DEVELOPER

- · 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

- 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

Jan. 2014 - May. 2016

• Minor in Cognitive Science

Extracurricular Activity

NC State Human Factors and Ergonomics

Raleigh, NC Jan 2018 - Present

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-end Django, REST API, Socket.io, Flask, QT **Front-end** HTML5, 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 Raleigh, NC

2011 Fine Arts, The Governors School of North Carolina

OCTOBER 27, 2018 BRADLEY SCHWARZ · RÉSUMÉ