

Khalil A. Somani

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OBJECTIVE

To obtain a User Experience internship in Research or Design, where I can use my problem solving abilities and technical skills to give users the best experience possible.

EDUCATION

University of Washington, Seattle, Class of 2017

Double Degree in Human Centered Design and Engineering (B.S.) and Psychology (B.S.)

- **Current GPA:** 3.54
- **Relevant Coursework:** User Design and Research, Systems Design and Engineering, Graphic Design, Technical Communication, Technical Writing, Java Programming Fundamentals, Organization and Teamwork, Human Centric Foundations, Portfolio

EMPLOYMENT

Datstat Technical Specialist Intern, Solutions Consulting Team

Jan. 2016-Present

- Creating and designing survey interface with HTML/CSS expertise for healthcare clinics and research institutions/universities
- Utilizing skills in Javascript to design custom solutions for clients

Ability and Innovation Lab: Paid Research Assistant

Sept. 2015-Present

- Designing approaches to analyze Long-Term EMG data utilizing Delsys and OpenBCI systems to gather data to improve daily muscle activity in people with neurological disorders such as hemiplegic cerebral palsy.
- Creating methods for EMG Data Visualization for patients and health care institutions.

Founder, Violist, and PR Manager of Lady and the Gents String Quartet

2013-Present

- *Major performances:* Microsoft Executive Dinner at JM Cellars, Pacific Science Center Charity Dinner

PROJECTS

HCDE 308 Final Project: Brand Identity Redesign

- Rebranding website and mobile landing pages, as well as brand guidelines for the Washington Trails Association using Adobe Illustrator to better market towards their end user

HCDE 310 Final Project: Traveler's Almanac

- Constructing live feed of flight information. API's used: Rome2rio, Wunderground, Flickr
- Demonstration of application: <https://www.youtube.com/watch?v=q-fZkKqZcik>

TECHNOLOGY SKILLS

Web Design: HTML, CSS, Javascript, Adobe Illustrator, Adobe InDesign

Software and Programming: Python, Java, DatStat Illume, Microsoft Office Suite

RESEARCH EXPERIENCE

Dorsey Clinical Psychology Lab: Research Assistant

Dec. 2015-Present

- Assessing Orphaned Children and Caregivers on evidence-based treatment for villagers in Kenya and Tanzania
- Designing WhatsApp research methodologies for international surveys.

Cortical and Cognitive Dynamics Lab: Research Assistant

Feb. 2013-Dec. 2015

- *Research Projects:* Current Human Centered Design Research Head for Neurofeedback EEG Study, Conducted research for BBB Language Experiment and UCLIMB Learning Study
- *Duties:* Feature implementation, running EEG and computerized experimental tasks, creating lab specific Raven's Progressive Matrices post-test tasks, training research assistants, and presenting research

Author, Editor in Grey Matters Undergraduate Neuroscience Journal

2013-2014

- *Published articles:* "Desynchronizers"