**Khalil A. Somani**

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**OBJECTIVE**

To obtain a user experience job in design or research, wher e I can use my problem solving abilities and creativity to both meet and exceed the needs of the user.

**EDUCATION**

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

University of Washington College of Engineering, Seattle, Class of 2017

* **Current GPA:** 3.56
* **Relevant Coursework:** User Design and Research, Systems Design and Engineering, Graphic Design, Technical Communication and Writing, Java Programming Fundamentals, Human Centric Foundations, Social and Behavioral Psychology, Research Methods

**EMPLOYMENT**

**UI/UX Intern, Datstat June 2016 - Present**

* Using Adobe Illustrator and Balsamiq to wireframe interfaces and interactions for incoming software platforms, patient portals, and client-facing applications
* Working to advance user experience and enhance application of use (via interactions, onboarding, etc.)

**Technical Specialist Intern, Datstat December 2015 - June 2016**

* Creating and designing survey interfaces for healthcare clinics and research institutions/universities
* Utilizing skills in HTML/CSS and Javascript to generate custom solutions for clients

**Ability and Innovation Lab: Paid Research Assistant**  **September 2015 - June 2016**

* 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 heath care institutions

**PROJECTS**

**Link Light Rail Design Project April 2016**

* Created a live feed of user input through a large on-site console as well as a mobile application platform to provide efficiency and clarity of travel with greater reliability and usage of time

**UW Study Space, User Research Project March 2016**

* Conducted user research in order to understand how students use campus study spaces
* Derived from 3 deep-hanging out field observations in Odegaard Library, Alder Commons, and Savery Hall, as well as semi-structured interviews with 3 users and a survey of 34 users

**Brand Identity Redesign Project November 2015**

* Rebranding website and mobile landing pages, as well as brand guidelines for the Washington Trails Association

**RESEARCH EXPERIENCE**

**Dorsey Clinical Psychology Lab: Research Assistant December 2015 - June 2016**

* Assessing Orphaned Children and Caregivers on evidence-based treatment for villagers in Kenya and Tanzania

**Cortical and Cognitive Dynamics Lab: Research Assistant**  **February 2013 - December 2015**

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

**TECHNOLOGY SKILLS**

**Web Design:** Adobe Illustrator, Balsamiq, HTML, CSS, Javascript, DatStat Illume, Microsoft Office Suite