

AKHILA RAJU

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EDUCATION

University of California, Berkeley

Expected Graduation Date: 05 / 2016

Pursuing Dual Bachelor's Degrees in Computer Science & Cognitive Science, Emphasis in Human-Centered Design

SKILLS

Programming Java, Python, C#, Scheme, Android

Web Development HTML, CSS, JavaScript

UI/UX rapid prototyping, wireframing, user research

LEADERSHIP

Berkeley Innovation Product Developer

Design@Berkeley: Jacobs Student Council College of Engineering

Design Minor Councilperson

berkeleyByte Technology Reporter

EXPERIENCE

edX MOOC Product Manager for Computer Science 10 @ UC Berkeley

08 / 2014 - Present

Direct a team of 20 engineers and 7 projects, driving the development of the edX MOOC for CS 10. Define technical specifications and goals of edX MOOC in preparation for release in 2015. Led integration onto edX for first launch on April 17, to a class of 238 UC Berkeley students. Assisted in writing Python curriculum and developing auto graders.

Previous roles: CS10 Product Developer (01/2014 – Present), CS10 Lab Assistant (05/2013 - 08/2013)

Co-Founder & Product Manager @ Safi

08 / 2014 - Present

Co-founded a disruptive innovation startup with three Berkeley Engineering students. Manage development of our product that aims to provide inexpensive and effective sterilization of medical equipment to developing countries. Perform market research to understand the needs of medical providers in our target market.

Research Assistant for Berkeley Center for New Media @ UC Berkeley

01 / 2014 - Present

Design use cases for a JavaScript toolkit that allows for the creative design and development of dynamic 3D models. Assist in data collection and analysis of air particle counter invention.

R&D Intern for Hasso Plattner Projects Team @ SAP Labs Office of the CTO

05 / 2014 - 08 / 2014

Rapidly prototyped new technology concepts with short turnaround times for SAP's head of development. Developed using Java, C#, JavaScript, HTML, and CSS; familiar with Google Glass and Kinect for Windows V2 SDKs. Researched, designed, and implemented interaction design concepts with visionary user interfaces.

Undergraduate Researcher for Institute of Human Development @ UC Berkeley

06 / 2013 - 01 / 2014

Independently ran technical aspect of experiments, including collection and editing of sound recordings of participants' responses, defining and classifying participant location in video recordings, and coding sound recordings of participants' responses into emotional categories. Performed data collection, data entry and data analysis, maintaining research results for 180 participants. Recruited children within the 13-25 month-old age range for experiments.

Oncology Research Intern @ Burzynski Clinic

03 / 2011 - 05 / 2012

Developed and executed a research project investigating the relationship between nutrition and cancer, presented to the head oncologist and staff. Compiled pamphlets on nutrition and updated existing educational materials provided to patients, transforming the nutrition program and helped increase the sales of nutritional supplements at the clinic. Interacted with clients during business meetings and assisted with marketing aminocare products.