Samantha Kolovson >

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CURRICULUM VITAE

EDUCATION

PhD in Human-Centered Design and Engineering, Fall 2016 – Present
Department of Human-Centered Design and Engineering, University of Washington
Advisors: Dr. Sean Munson, Dr. David McDonald, Dr. Kate Starbird

Bachelor of Science in Computer Science, Cum Laude, Fall 2012 – Spring 2016
College of Information and Computer Science, University of Massachusetts Amherst
Honors Thesis: Automatically Generating Narrative Documentation for Medical Procedures
Advisor: Dr. Lori A. Clarke

RESEARCH EXPERIENCE

Directed Research Group Leader, Fall 2017 – Present
Department of Human-Centered Design and Engineering (HCDE), University of Washington
Research Focus: Athletics and Wearable Data in Collegiate Athletics

Research Assistant, Fall 2016 – Spring 2017
Department of Human-Centered Design and Engineering (HCDE), University of Washington
Research Focus: Athletics and Wearable Data in Collegiate Athletics

Undergraduate Researcher, Spring 2015 – Summer 2016
Laboratory for Advanced Software Engineering Research (LASER)
College of Information and Computer Science, University of Massachusetts Amherst

TEACHING EXPERIENCE

Teaching Assistant, Fall 2017 – Present
Course: HCDE 598A: Introduction to Programming in p5.js
Department of Human-Centered Design and Engineering (HCDE), University of Washington

PUBLICATIONS

[1] Arpita Bhattacharya, Samantha Kolovson, Yi-Chen Sung, et al. 2018. Understanding Pivotal Experiences in Behavior Change for the Design of Technologies for Personal Wellbeing. *Journal of Biomedical Informatics.*

[2] Hannah Blau, <u>Samantha Kolovson</u>, W.R. Adrion, and Robert Moll. 2016. Automated Style Feedback for Advanced Beginner Java Programmers. *Proceedings – Frontiers in Education Conference, FIE.*

SKILLS

Research: Qualitative Methods (2 years of experience), including recruiting, surveys, interviews, and affinity and grounded theory analysis.

Programming Languages (in order of competency): Java, Python, Bash, SQL, JavaScript, Processing, PHP, C, C++, Ruby.

Markup Languages: HTML, CSS, XSLT.

HONORS & AWARDS

Outstanding Achievement Award in Computer Science 2016
College of Information and Computer Science, University of Massachusetts Amherst

Spring Scholar Athlete Award 2016

Collegiate Rowing Coaches Association Scholar Athlete Award 2016