NICOLE DAHAN

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EDUCATION

TUFTS UNIVERSITY
BS in Human Factors Engineering
BS in Biomedical Engineering
Medford, MA | May 2015
GPA: 3.97

SKILLS

Design
Usability Testing
Agile & Lean UX
User Research & Persona Creation
Wireframe Development
Rapid Prototyping
User-Centered Design

Software
Illustrator, Photoshop
Basic HTML, CSS
AutoCAD, SolidWorks

RESEARCH

MAKE DESIGN GROUP
Co-Founder
January 2013 – Present
Lead Tufts team-based design group that encourages "learning by making."

HYBRID RACECAR
Lead Human Factors Engineer
September 2012 – Present
Lead HF team to design and build driver interface, ergonomic seating.

CONFESSIONS
Founder
February 2013 – Present
Founded online confidential resource.
Maxed at 10k+ unique viewers a day.
Featured in 5+ news stories.
Managed 18-student team.

EXPERIENCE

MICROSOFT User Experience Design Intern
Cambridge, MA | May – August 2014
Designed all features, interactions and visuals for mobile application*.
Articulated design decisions effectively to team of four developers.
Represented Microsoft as a panelist encouraging girls to code.
*Application to ship in November

RED HAT User Experience Design Intern
Westford, MA | May – August 2013
Designed cross-product common UX with designers and engineers.
Designed interactions and wrote content for website to showcase UX, PatternFly.org.

MITRE Human Factors Engineering Intern
Bedford, MA | June – August 2012
Redesigned aerospace defense center with other engineers.
Designed departmental website.
Conducted usability tests.
Assisted with designs for remote collaboration experience.
Assisted with Human Factors healthcare report for FDA.

TUFTS UNIVERSITY Robotics Instructor
Medford, MA | June 2012
Taught students at DevTech Research Group to build and program robots to encourage science, technology, engineering and math (STEM).

MITRE Technical Intern
Bedford, MA | June – August 2011
Designed and implemented UX of web-based navigation application now used by US Air Force. Written in HTML, CSS and JavaScript.

COURSEWORK

Human Computer Interaction
Inventive Design
Human Factors & Ergonomics
Co-creation: Collaborative Innovation & Design
Graphic Design