

HILA GUTFREUND

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EDUCATION

SAN JOSE STATE UNIVERSITY, San Jose, CA

M.Sc. in Human Factors and Ergonomics, expected May 2019

Classes: Perception, Cognition, Intermediate Statistics, Human Factors Design, Human Factors Seminar, Interaction Design, Usability Testing

Activities: HFES (Human Factors and Ergonomics Society)
UXA (User Experience Association)

COLUMBIA UNIVERSITY, BARNARD COLLEGE, New York, NY

B.A. in Computer Science, received May 2014

Completed a double degree program with the Jewish Theological Seminary (*summa cum laude*)

Classes: User Interface Design, 3D UI and Augmented Reality, Intro to Databases, Principles of Innovation & Entrepreneurship

Activities: WiCS (Women in Computer Science), VP of Mentorship; VP of Outreach
Barnard Student Computing, Academic Computing Expert
Columbia University CS Department, TA for Object Oriented Design & Programming

EXPERIENCE

IBM, Israel

Software Developer

Apr. 2015 – Dec. 2016

- Developed, tested, and maintained the user interface for the MobileFirst Console, a responsive single-page Angular application, as well as working with the design team to develop new features for the console.
- Ensured that user interface accessibility guidelines were met for the MobileFirst Console and created a step-by-step guide for IBM employees to test the accessibility compliance of their applications.
- Designed and developed the front-end of a single-page Angular web application for an incubator project within the IBM software group.
- Researched, designed, and developed open-source software solutions for IBM Global Business Services.

ISRAEL TECH CHALLENGE, Israel

Fellow

Oct. 2014 – Aug. 2015

- Participated in an immersive fellowship program in a variety of Israeli hi-tech companies.
- Worked on a special project on body measurements with 3D cameras at Intel's Perceptual Computing group.

THE NEW YORKER MAGAZINE, New York, NY

Technology Intern

Sep. 2013 – Dec. 2013

- Wrote Python scripts for automatic data scraping from the database for use in print and digital edition.
- Performed compatibility and performance testing for Goings on About Town application, as well as digital editions of the magazine.
- Collected data from online reviews and analyzed them to understand users' frustrations to prioritize bug and design fixes.
- Created specification document of the database and its functions, for future database system transition.

COLUMBIA UNIVERSITY COMPUTER SCIENCE SPEECH LAB, New York, NY

Research Assistant

June 2013 – Sep. 2013

- Gathered and analyzed data for an experiment testing the phenomenon of people mimicking each other's speech patterns through the course of a conversation by entrainment of pitch and tone.

TECHNICAL SKILLS

Programming languages:	JavaScript (Frameworks: Angular 1), HTML/CSS (Bootstrap), Python
Operating Systems:	Macintosh, Windows, Linux
IDEs and Text Editors:	Sublime Text 2, Visual Code, Eclipse, PyCharm
Other:	Axure RP, Microsoft Office Suite

ADDITIONAL INFORMATION

United States Citizen

Personal Website: <https://www.hilariousdesigns.com>

Language Skills: English (Fluent), Hebrew (Fluent);

Interests: Travel, writing, grammar books, publishing and digital media, creating polymer clay figurines