
KITTY LIU

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WORK EXPERIENCE

Goldman Sachs

Technology Analyst, Summer 2017

- Modernized the GS.com publishing platform by designing a new backend API with RESTful services using the Dropwizard framework.
- Redesigned and built the frontend to manage content on GS.com to boost performance of stakeholders' publishing analysis.

Personalis Inc.

Frontend Software Engineer Intern, Summer 2016

- Enforced permissions security and product validation in an internal workflow system using AngularJS.
- Implemented entity organization, infinite scrolling, and API designs .

Northwestern Health Aware bits Lab

Undergraduate Researcher, March 2016 - March 2017

- Developed the frontend of a video annotation tool to enable research participants to label their own eating/drinking episodes.
- Analyzed data from wearable devices on heart rate, acceleration, and gyro to monitor eating gestures and behaviors.

EECS Department Northwestern University

Teaching Assistant, January 2016 - March 2016

- EECS 111: Fundamentals of Computer Programming I.
- Led 3 tutorial sessions and 2 office hours per week to guide students in learning the Racket programming language.

PROJECTS

Collective

A product that allows online shoppers to round up their purchase to the next dollar, and donate the change to an individual in need.

Chrome extension (JS, HTML, CSS), PHP server, Stripe API

Smart Closet

An IoT system for weather-based clothing suggestions. LEDs indicate appropriate clothing and a web app displays weather and closet data.

Arduino Yun device, LEDs, Light Dependent Resistor sensor, Firebase, OpenWeather Map API

EDUCATION

Northwestern University

Evanston, IL, Expected June 2018

Combined BA/MS Degree Program

M.S. in Computer Science

B.A. in Biological Sciences (Genetics)

GPA: 3.77

Relevant Coursework

Machine Learning

Artificial Intelligence

Internet of Things

Human Computer Interaction

Operating Systems

Algorithms Design & Analysis

Theory of Computation

Awards

Google Games Chicago (3rd), April 2017

Dean's List (7 Quarters)

LANGUAGES

Fluent Java, Javascript

Familiar Python, HTML, CSS, C, MYSQL

LEADERSHIP

Women in Computing

Tech Chair, March 2015 - Present

- Coordinated trip for 70 Northwestern students at GHC '17.
- Redesigned the WiC website.
- Initiated an annual whiteboard campaign for diversity in tech.

Fusion Dance Company

Treasurer, September 2014 - Present