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# KITTY LIU

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## WORK EXPERIENCE

### Technology Summer Analyst, Goldman Sachs

Summer 2017

- Modernized the GS.com publishing platform by designing a new backend API with RESTful services using the Dropwizard framework
- Worked closely with stakeholders in redesigning and building the frontend to manage content on GS.com

### Frontend Software Engineer Intern, Personalis Inc.

Summer 2016

- Enforced permission security and product validation in AngularJS
- Implemented entity organization, infinite scrolling, and API designs

### Undergraduate Researcher, Northwestern Health Aware bits Lab

March 2016 - March 2017

- Assisted in developing a video annotation tool to label eating/drinking
- Conducted HCI research with wearable devices to monitor behaviors

### Teaching Assistant, Northwestern University

January 2016 - March 2016

Fundamentals of Computer Programming I

- Led 3 tutorial sessions and 2 office hours per week for 18 students
- Guided students in learning and developing in Racket

## PROJECTS

### Collective

A chrome extension that allows online shoppers to round up the 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*

### JugoMed

A web app that streamlines a doctor's visit, through a symptom checker, note recording tool, and question generator.

*MEAN stack, Infermedica API*

## EDUCATION

### Northwestern University

BA/MS in Biological Sciences and Computer Science, June 2018

GPA: 3.77

## LANGUAGES

### Fluent

Python, Javascript, HTML, CSS

### Familiar

Java, C++, Racket, MySQL

## RELEVANT

### Tech Chair, Women in Computing

March 2015 - Present

- Assisted in bringing 50+ Northwestern students to the 2016 Grace Hopper Conference.
- Redesigned the WiC website
- As previous PR Chair, initiated an annual whiteboard campaign to support diversity in technology

### Coursework

Machine Learning

Artificial Intelligence

Database Systems

NUvention Web and Media

Internet of Things

Human Computer Interaction

Theory of Computation

Computer Systems