

SAMANTHA WALN

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EDUCATION

New York University Expected Graduation May 2020
B.S. in Computer Science, Minors in Mathematics & Economics
Past Coursework: Discrete Mathematics, Data Structures and Algorithms, Object Oriented Programming, Design & Analysis of Algorithms, Computer Architecture & Organization
Current Coursework: Introduction to Operating Systems, Software Engineering, Interactive Computer Graphics, Computer Networking, Ethics and Economics
GPA: 3.58/4

University of Melbourne Fall 2017
B.S. in Computer Science, Minors in Mathematics & Economics
Coursework: Database Systems, Fundamentals of Interaction Design

SKILLS

Java, Python, C/C++, MySQL/SQL, R, MongoDB, HTML/CSS, JavaScript, LaTeX
Arduino, Circuits, Soldering, 3D Printing, Laser Cutting
Microsoft Suite
Intermediate Spanish

EXPERIENCE

Wearable Technology VIP September 2018-Present
Software Team Lead New York, NY

- Researched the use of wearable devices in detecting mental health issues
- Built a glucose sensor using a near infrared emitter
- Created a website, Processing sketch, and MySQL database for patient information
- Tested a wearable device to determine emotional changes based on changes in biomarkers

Fremont Hills Country Club Summer 2015, 2016, 2017, 2018
Swim Coach & Lifeguard Los Altos Hills, CA

- Coached a group of adult swimmers worked to improve their swimming technique
- Maintained surveillance of pool and cleaned surrounding areas
- Taught children ages 2 to 10 basic swimming technique in private and group settings

Los Altos High School August 2014-December 2015
Peer Tutor Los Altos, CA

- Volunteered tutoring high school students
- Tutored in math, chemistry, physics, English, and Spanish

ACTIVITIES

NYU Club Water Polo, Sustainable Solutions Committee