

Anna Wong

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Education

CARNEGIE MELLON UNIVERSITY

MAY 2018 (EXPECTED GRADUATION DATE)

Bachelor of Science in Statistics and Machine Learning

GPA: 3.27

Skills and Technologies

Python, R, Java, Photoshop, InDesign

Experience

CARNEGIE MELLON UNIVERSITY | TEACHING ASSISTANT

AUG 2017-PRESENT

- Guide and assist students through weekly lab exercises using **R**, **tidyverse**, and **ggplot**.
- Grade weekly labs for class of 100+ students.

IBM | EXTREME BLUE TECHNICAL INTERN

MAY-AUG 2017

- Created a cognitive tool for the **IBM Bluemix** Container Service (Docker and Kubernetes), which predicts and correct container failures using machine learning technologies.
- Managed data pipelines with **Pandas**, **Apache Spark**, **Apache Kafka**. Mined data with **Numpy**. Implemented models with **Sci-kit Learn**.
- Practiced agile methodologies such as iterative design, continuous integration, and development using **GitHub**, **ZenHub**, and **Travis CI**.
- Presented weekly project pitch to IBM executives which explained the technical and business value of the product.

Research

UNIVERSITY OF STUTTGART | RESEARCH ASSISTANT

MAY-AUG 2016

- Improved accuracy of hand detection and gesture recognition classification models.
- Streamlined code base (**OpenCV**, **Pandas**, **Sci-kit Learn**) to improve development practice.
- Managed multiple participant dataset of images.

CARNEGIE MELLON UNIVERSITY | RESEARCH ASSISTANT

2015-2016

- Cleaned data and extracted data features for three research projects using Python.
- Analyzed smart phone data to investigate behaviors of college students.
- Predicted binge drinking behavior from smart phone usage.
- Evaluated authorship history to find publication patterns in the HCI community.

CARNEGIE MELLON UNIVERSITY | INDEPENDENT STUDY

JAN-MAY 2016

- Collected and processed sleep data to analyze cyclical patterns using Python and R.

Extracurricular Activities

CARNEGIE MELLON UNIVERSITY VARSITY SWIM TEAM: 2014-PRESENT

Dedicating 20+ hours per week for practice, competition, and volunteering.