

Ji Wang

Education

University of California, Davis

Davis, CA

Ph.D. in Computer Science

Sept.2018 ~ Present

Carnegie Mellon University

Pittsburgh, PA

Master of Science in Information Technology

Aug.2017 ~ Aug.2018

Nanjing University

Nanjing, China

Bachelor of Engineering in Software Engineering

Sept.2012 ~ June 2016

Experience

SAP (China)

Shanghai, China

Software Engineer, full-time

Feb.2017 ~ Aug.2017

- Developed backend of a contract account payable and receivable management SaaS application.
- Assisted Quality Assurance in extensive testing, detected and repaired bad code/design with empirical strategy, and from version control history.

Selected Projects

Online Banking System

Dec.2017 ~ Feb.2018

- Developed a *Java EE* (Spring) web app to manage bank account, deposit a check (using web camera), transfer funds, apply for loan and repay loan in a *Microservice* architecture with *REST*.
- Utilized 128-bit *SSL encryption* and stored generated *hashed* nonce of data like password for security.

UPMC Healthy Living Insurance

Sept.2017 ~ Oct.2017

- Developed a simulated system to analyze and evaluate client's lifestyle (e.g. three meals) to provide insurance plan options accordingly, with an accuracy rate of over 90 percent.
- When the meal image is uploaded to Amazon S3, a *lambda function* will be triggered, in which Amazon Rekognition API is called to extract <feature, confidence> label data sets, with a score assignment and evaluation as output.

Skills

Programming languages: Java(proficient), Julia, Python, R, C/C++, HTML(Proficient), CSS, JS

Tools: Git, MS Office(proficient), LaTeX, Docker

Honors & Awards

- Best Practicum Award (\$16,000) 2018
- Outstanding Graduate of Nanjing University 2016
- People's Scholarship (¥ 1,000/year for a total of ¥ 2,000) 2014, 2015