**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 AmazonS3, 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***