# YOULIANG (VINCENT) PAN

⋄ website: breadamonium.github.io

⋄ email: youlpan@gmail.com ⋄ phone: 410.245.7783

## EDUCATION

**Cornell University, College of Engineering**                                        *May 2017*

B.S. Computer Information Science

## WORK EXPERIENCE

**Sumitomo Mitsui Banking Corporation - JRI America, Inc.**          July 2017 - Present

*Associate Applications Developer*                                        *New York City, NY*

- Worked on the E-moneyger team as a full stack developer for internal monetary web applications.
- Created a reporting tool that sped up report loading by 150% for 20% of all users.
- Mapped and migrated legacy data from active directory storage to Oracle Databases.
- Implemented new hashing algorithms to comply with auditing and security policies for login.

**Amazon.com, Inc.**                                        June 2016 - August 2016

*SDE Intern*                                        *Seattle, WA*

- Worked on the eCIF3-FLASH team on an exceptions metrics tool for monitoring of broken use cases between the FLARE-pipeline and FLASH.
- Added additional scraping methods for parsing through log files to categorize exceptions using Regex parsing.
- Set-up and designed database schema for exception storage in an AWS Redshift database.
- Wrote a custom API to handle different SQL queries to retrieve different metrics about the exceptions from the database.

**Belle Applications, Inc.**                                        June 2015 - August 2015

*Web Developer Intern*                                        *Ithaca, NY*

- Worked on the backend development team to implement the basic features of the website, such as login system, registration page, email-verification service, chat functionality, and Stripe payment system.
- Created a unique matching algorithm to match deliverers with customers in PHP, along with storing of customer data and order information in a MySQL database.
- Wrote an advanced REST API to exchange data between the web server and the mobile app to have cross- platform compatibility and to synchronize basic account functions.

## TECHNICAL SKILLS

- **Programming Languages :** Java, PHP, Python, C++
- **Web Development :** Javascript, D3.JS, Bootstrap, EXTJS, JSP, AJAX, Ruby on Rails, NodeJS, HTML, CSS
- **Database :** MYSQL, LDAP, AWS Redshift, AWS S3
- **Others :** Git, Perforce, Latex, Eclipse, Maven, Jira, Bamboo, IBM Websphere Server, IBM Urbancode Deploy, Fisheye