

# Jason Yan

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## EDUCATION

### CARNEGIE MELLON UNIVERSITY

BS in Electrical and  
Computer Engineering  
May 2016 | Pittsburgh, PA

### STUYVESANT HIGH SCHOOL

June 2012 | New York, NY

## SOCIALS

Github:// [yanxyans](#)

LinkedIn:// [jasonyangogh](#)

## CERTIFICATIONS

### COURSERA

Front-End JavaScript: Angular  
Front-End Web UI: Bootstrap 4

## SKILLS

### PROGRAMMING

Java  
Shell  
Python  
PySpark  
JavaScript

### TOOLS

Git  
Hive  
Hadoop  
Sqoop  
Oozie

## EXPERIENCE

### BNY MELLON | Software Engineer

Mar 2018 - Present | New York, NY

- Converted output generation Oozie workflow to shell scripts, helping solve a dependency issue
- Integrated R modeling program with ODM ETL process, reducing monthly execution time from 10 hours to 2 hours

### BNY MELLON | Software Engineer

Feb 2017 - Mar 2018 | Pittsburgh, PA

- Added Oozie workflow to send daily monitor reports, reducing time needed to resolve production failures from 6 hours to 3 hours
- Parameterized customer balance output generation, adding ad hoc reporting capabilities
- Extended core program to load and process EMEA deposits and transactions

### NYSNETECH | Software Engineering Intern

May 2015 - Aug 2015 | Shanghai, China

- Learned React to develop a basic chat client with messaging capabilities
- Implemented a conversation history feature using WebSocket API

### CHEMCOLLECTIVE | Researcher

June 2014 - Aug 2014 | Pittsburgh, PA

- Fixed PHP session bug allowing students to save progress on class assignments
- Implemented admin page for teachers to manage students and classes

## PROJECTS

### DOMINION

- Coded an online implementation of a multiplayer card game to learn React and Express
- Game data and logic is processed and validated server-side using JavaScript
- Communicated game state to clients in real-time using Socket.IO, rendered game components using Material-UI
- Processed player actions and triggered reactions using a tree-based event resolution system

### GRUMBLR

- Django implementation of a social networking site complete with news feeds and customizable user profiles
- Asynchronously delivered feed content using Ajax calls