# James Chen

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## Education

**B.S. in Information Sciences and Technology Design and Development | Anticipated Graduation Date May 2019**
**Pennsylvania State University, University Park**

## Skills & Abilities

· Proficient in Python, Java, JavaScript, R, SQL, HTML, and CSS.
· Skilled with Microsoft Office, Windows OS and Linux.
· Knowledgeable with Cloud Computing
· Experience with creating UML class diagrams utilizing MS Visio
· Professional Working Proficiency in Mandarin
· Experience with deploying web applications using Heroku utilizing Play Framework
· Experience with Android development
· Strong Prototyping skills with Adobe XD

## Experience

**Informatics Intern | Cytokinetics, South San Francisco, CA | June 2018 – August 2018**
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**User Interface & Database Project**
- Organized and pivoted clustered data within the company while utilizing data visualization tools such as Spotfire and Dotmatics Browser to portray complex chemical data
- Demonstrated a working understanding of SQL by writing progressively complex queries to retrieve "elusive" data from Electronic Laboratory Notebook (ELN) system and others

**Machine Learning Project**
- Worked with my mentor and a fellow intern to collect voice data of ALS patients to analyze specific trends and patterns linking their chronic disease to a negative progression (worsening of the ALS in the patient)
- As a team, we created R code that allowed us to look at our voice data and detect any trends of "hits"

- Used R's myriad packages to produce graphical data of variables that, with the data's support, was a good candidate to detect progression of ALS

**(In Progress) Geico Claims "Writing Across the Board" Capstone Project**
- With technical representatives from Geico being our stakeholders, me and my project team endured a writing intensive project to propose ideas on how the Geico's claims process can be improved
- As a team, we proofread our work intensively and research information within the photogrammetry domain
- Worked on a prototype that portrays how scanning technology might be incorporated to facilitate accident documentation

**(In Progress) Android Application Course Project**
- Undertook a solo project for an application development course where students have flexibility to choose own routes for applications they wish to develop
- Individual project was a working EMT/Paramedic Aid that facilitates easier communication between EMTs and hospitals, as well as access to convenient data regarding various procedures.
- Learned to manage dependencies and how to utilize xml to design forms and pages

**Cashier | Rite Aid | October 2015 to July 2017**
- Worked with coworkers to sustain the store and interacts with customers on a day to day basis to meet their needs and build positive relationships, as well as sustaining a positive atmosphere.
- Managed multiple tasks throughout the day including organizing inventory, checking out customers and maintaining freshness of products.
- Trained in customer satisfaction and security.
- Experienced with taking computer based training (CBTs)
- Maintained professional working habits such as arriving to work on time and following instructions from managers.