

# KEVIN LI

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## EDUCATION

### Drexel University, Pennoni Honors College

Bachelor of Science in *Computer Science*

GPA: 3.80/4.00

*Philadelphia, PA*

Minor in *Software Engineering*

Anticipated Graduation: June 2022

## WORK EXPERIENCE

### SAP America

*SAP STAR Intern*

April 2019 - Present

*Newtown Square PA*

*Cloud Operations & Support Team*

April 2021 - Present

- Develop a PWA with **Ionic Angular** for an e-commerce dashboard used by SAP executives and DevOps.
- Decreased Redis server stress load by developing API microservices with **Node.js** and **Socket.io**
- Promote code reusability and reducing over 400 lines of code by developing a graph utility library using **D3.js**.
- Configure **Docker** container to be ready for the continuous deployment and integration into Kubernetes.
- Reduce negative impacts on customers by developing several **Python** utilities that generate business reports.
- Automate all Python utilities with Google Cloud's Cron job service and pipeline reports into slack channels.
- Cooperate in an **Agile** environment with bi-weekly scrums and accomplishing tasks with **Jira** Ticketing System.

*Tech COE Team*

April 2020 - March 2021

- Automated manual import of customers' CSV files into Hana with a task scheduler written in **Python Flask**.
- Developed a database migration tool that migrated on-premise **Hana SQL DB** into Cloud with Flask.
- Fixed critical issue involving data cutoff from server requests via multi-threading and asynchronous callbacks.
- Presented demo attended by over 300 people by pipelining Qualtrics' surveys into Hana DB with Python.

*IT-Mobility Team*

April 2019 - March 2020

- Implemented features in native Android apps in **Java** and **Kotlin** and contributed over 1000 lines of code.
- Developed an app from start to finish with hundreds of monthly users by tracking data usage on mobile data.
- Implemented responsive pie chart and UI components with SAP Cloud **Android SDK** and MPAndroidChart.

## PROJECTS & HACKATHONS

### SAP VT USA Hackathon | First Place

July 2020

*Developer*

<https://github.com/lixinwei123/Covid-Heatmap-Tracker>

- Built a heat-map app that details the crowdedness of a specific area with **Angular**.
- Utilized Google heat-map **Bootstrap** and Google Popular Times API to implement functionalities.
- Developed a Node.js server for efficient **REST** calls to get the necessary data.

### Clippy Engine | Dragon Hacks 2019 2nd place winner

April 2019

*Developer*

<https://devpost.com/software/clippy-engine>

- Built a mini game engine using vanilla python and developed the GUI using **Pyqt 5**.
- Improved mechanics for sprite movement and object detection by creating a matrix of pixels based on screen.

### Eoko inc

March 2018 - October 2018

*Software Engineer Intern*

*Drexel Baiada Incubator*

- Developed a cross-platform social media app with interns and founding members using **React Native**.
- Implemented core features such as social media style feeds and chat with **Google Cloud messaging**.
- Decreased cost of CRUD operations on **Firebase** data usage from 30mb to 4mb with caching and lazy loading.