KEVIN LI

◇ https://lixinwei123.github.io/Personal_website/ ◇

lixinwei120@gmail.com — https://www.linkedin.com/in/kevinli800/ — 1-609-558-2686 — Github:lixinwei123

EDUCATION

Drexel University, Pennoni Honors College   *Philadelphia, PA*
Bachelor of Science in *Computer Science*   Minor in *Software Engineering*
GPA: 3.80/4.00   Anticipated Graduation: June 2022

WORK EXPERIENCE

SAP America   April 2019 - Present
SAP STAR Intern   *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 maintainability by developing a **Typescript** graph 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 with **Slack API**.

Tech COE Team   April 2020 - March 2021
· Automated manual import of customers' CSV files into Hana with a task scheduler written in **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** App.

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.
· Cooperate in an **Agile** environment with bi-weekly scrums and accomplishing tasks with **Jira** Ticketing System.

Eoko inc   March 2018 - October 2018
Software Engineer Intern   *Drexel Baiada Incubator*
· Developed a cross-platform social media app with interns and founders using **React Native** and **Typescript**.
· 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.

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 **Typescript, SCSS, HTML**.
· 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.