Bryan Li

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EDUCATION

Temple University   Philadelphia, PA
Bachelor of Science in Computer Science   *May 2025*
- **Activities:** Association for Computing Machinery, Google Developer Student Club, Intramural Volleyball Club.
- **Relevant Coursework:** Data Structures and Algorithms, Operating Systems, Project Management, Computational Methods in Finance, Cloud Computing, Software Design.

EXPERIENCE

Software Engineer Intern   May 2024 – Present
CVS Health   *New York, NY*
- Migrate data from Hadoop to GCP Big Query
- Develop a Python script to load data in Big Query
- Contribute to the project under the guidance of the manager

Teaching Assistant   August 2023 – Present
Temple University   *Philadelphia, PA*
- Enhancing quiz and exam performance of **20+** students by **15%** through coding review sessions, as measured by class performance on midterm and final exams.
- Providing support to **20+** students with office hours, earning excellent feedback from **90%** assistance with courses and assignments.

Software Engineer Intern   June 2023 – August 2023
Temple University   *Philadelphia, PA*
- Designed a **Python-Flask** web application to collect survey data from **500+** participants.
- Created a lottery allocation system using **JavaScript** in a web survey application, streamlining user choices and allocations across multiple rounds resulting in a **40%** decrease in allocation errors and improved overall user experience.
- Implemented **PostgreSQL** integration to securely store and manage user responses, preferences, and lottery data, resulting in a 50% reduction in data loss incidents and enhanced data privacy compliance.

TECHNICAL PROJECTS

CodeFest 2024 Hackathon Winner | https://github.com/timo1k/renren   April 2024 – April 2024
- Led a team of four and pitched to multiple judges to secure 3rd place in the beginner category and secure victory in the Comcast sponsored track, triumphing over **63** teams and **450+** competitors, earning a prize of $1500
- Implemented a **React Native** application using **AWS** serverless architecture and **Twilio** integration, featuring live fire detection and push notification alerts for users, with seamless communication to authorities through the app
- Help incorporated YoloV9 and PyTorch for our fire detection functionality
- React Native (Expo), JavaScript, AWS Lambda, Twillio API, YoloV9, PyTorch

Temple Trading Hub (TTH) | https://github.com/cis3296s24/tth   May 2018 – May 2020
- Developed a full stack application tailored specifically for the Temple University community, offering a secure and convenient platform for trading various items within the campus environment, such as textbooks, electronics, furniture, clothes, and more
- Utilized **Next.js** and **Tailwind** CSS for frontend development, and Firebase for backend functionalities including real-time databases and authentication services
- Next, TypeScript, Tailwind, Firebase

LEADERSHIP

President   Jan 2024 – Present
Temple Trading Club (TTC)   *Philadelphia, PA*
- Strategically organize socials, workshops, and employer talks for organization consisting of **20+** students.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (PostgreSQL), NoSQL(Mongo) , JavaScript, HTML/CSS
Frameworks: React, Next, Flask, JUnit, Next
Technologies/Tools: Git, Unix/Linux, IDEA, Figma, AWS, GCP