Tiffany Chien

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EDUCATION

University of Pennsylvania *Master of Computer & Information Technology* (GPA: 3.93/4.0)　　　Expected: Dec. 2022
- Coursework: Data Structures, Algorithms, Discrete Math, Software Development, Database & Information System

Soochow University *Master of Laws* (GPA: 3.9/4.0)　　　Sept. 2016- June 2019

Taipei Medical University *B.S. Nutrition & Health Science* (GPA: 3.66/4.0)　　　Sept. 2012- June 2016

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, TypeScript, Node.js, Swift, C/C++, PHP　　**Cloud:** AWS, Oracle, Firebase

Databases: SQL, MongoDB, GraphQL, REST　　**Operating Systems**: Linux, Mac OSX

Web: HTML / CSS, React, Angular, Bootstrap, JQuery, Material UI　　**Tools:** Git, Android Studio, Xcode

Other: Software Design, Communication skills

AWARDS & ACTIVITIES

Relevant Courses: iOS Mobile Development (CodePath)

Awards: AWS Machine Learning Scholarship Program (June 2021)

SELECTED PROJECTS

Shoppee [GitHub Link]　　　In Progress
- Technologies: Java, REST API, Spring Boot, TypeScript, Angular, HTML, CSS
- Developed an E-Commerce Platform with Shopping Cart, Checkout, User Registration capabilities
- Applied pagination and sorting to REST API endpoints and Angular pagination to display views of REST API data
- Implemented OAUTH 2 to communicate with protected resources by exchanging access tokens for authentication

COVID-19 Cases Tracker　　　Aug. 2021
- Technologies: Java, JUnit, REST API, Design Patterns; Group Project for CIT594
- Implemented TXT/CSV/JSON reader to read files with 581326 data rows efficiently by matrix and sliding window
- Tracked flu population and location by detecting flu related keywords in Tweet messages and analyzing coordinates

Diabetes Prediction Model by Machine Learning [GitHub Link]　　　July 2021
- Technologies: Python, File Parsing, Pandas, NumPy, Matplotlib, Seaborn, Logistic Regression Algorithm
- Visualized 768 data and predicted a person suffering from diabetes or not with accuracy of 74%

Task Management Application [GitHub Link]　　　May 2021
- Technologies: JavaScript, React, Material UI, HTML, CSS, Firebase
- Implemented a web application and utilized React Components to change icon according to user input
- Deployed application on Firebase as backend which supports creating tasks with labels

WORK EXPERIENCE

University of Pennsylvania, *Teaching Assistant* / Remote, US　　　Aug. 2021 – Present
- Taught introductory computer science material to weekly recitation section of 20 students
- Held weekly office hours to answer student questions regarding homework and in-class material

National Chung Cheng University, *Research Assistant* | Chiayi County, Taiwan　　　July 2019 – Dec. 2019
- Collaborated with The Institute for Information Industry in analyzing 755 ICO companies' risk

LEADERSHIP & OTHER EXPERIENCE

Twitch, *Partner* | Remote, United States　　　July 2020 - Present
- Influenced 10k people to learn introductory CS on Twitch as an ambassador of women in Tech

AnitaB.org Open Source Day, *Contributor* / Remote, United States　　　July 2021
- Troubleshooted and debugged 1 edge case bug in arrays in Eclipse AQAvit by JavaScript and React
- Identified and added load-balancer cache configuration warnings to Spring Cloud Commons