

# 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 and Software Design, Algorithms, Mathematical Foundations of Computer Science, Software Development, Database & Information System, Artificial Intelligence

**Soochow University** *Master of Laws* (GPA: 3.9/4.0)

Sept. 2016-2019

**Taipei Medical University** *B.S. Nutrition & Health Science* (GPA: 3.66/4.0)

Sept. 2012 – June 2016

## SKILLS

**Skills:** Java, Python, JavaScript, Node.js, TypeScript, HTML / CSS, React, JUnit, Swift, Git, Firebase, AWS, MySQL, PHP, Object-Oriented Design, Product Management, Adobe Photoshop, Adobe Illustrator

**Operating Systems:** Windows, Mac OSX, Linux

## AWARDS AND ACTIVITIES

**Relevant Courses:** iOS Mobile Development (CodePath)

**Awards:** AWS Machine Learning Scholarship Program (June 2021), Udemy iOS masterclass Scholarship (Aug. 2021)

**Organizations:** Global Ambassador of WomenTech Network, Member of Codepath.org, Member of AnitaB.org

## SELECTED PROJECTS

**Discord Bot** [\[Link to GitHub Repo\]](#)

In Progress

- Technologies: JavaScript, Node.js, Discord.js, git

- Developed a bot in Node.js that replies message according to user's commands and used by a server with 600 people

**Covid-19 Cases Tracker**

Aug. 2021

- Technologies: Java, JUnit, JSON.simple, Data Fetching, Design Patterns; Group Project for CIT594

- Implemented TXT/CSV/JSON reader to read csv files with 581326 data rows efficiently by matrix and sliding window

- Tracked flu population and location by detecting flu related keywords and analyzing coordinates in tweets

**Diabetes Prediction Model by Machine Learning** [\[Link to GitHub Repo\]](#)

July 2021

- Technologies: Python, File Parsing, Pandas, NumPy, Matplotlib, Seaborn, Logistic Regression Algorithm

- Predicted a person suffering from diabetes or not with accuracy of 74% by Logistic Regression Algorithm

- Visualized 768 data and increase data visibility and readability by Matplotlib and Seaborn

**Task Management Application** [\[Link to GitHub Repo\]](#)

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

**AnitaB.org Open Source Day**, *Contributor* / Remote, United States

July 2021

- Troubleshooted and debugged 1 edgy case bug in arrays in Eclipse AQAvit by JavaScript and React

- Identified and added load-balancer cache configuration warnings to Spring Cloud Commons by Java

**Twitch**, *Partner* | Remote, United States

July 2020 - Present

- Influenced 10k people to follow, code along and contribute to open source as an ambassador of women in Tech

- Instructed algorithm problems and motivated 200+ viewers per stream to code along