

## Feiyu Wong

Email: chenfeiyu132@gmail.com | Phone: 480-340-6098 | LinkedIn: [feiyuwong](#) | GitHub: [chenfeiyu132](#)

### Education

---

#### University of Illinois at Urbana-Champaign

Expected Graduation: Dec 2022

Major: Computer Science, GPA: 3.88 Dean's List

- **Coursework:** Data Structures, Systems Programming, Software Design, Numerical Analysis, Artificial Intelligence, Linear Algebra, Discrete Structures, Computer Architecture, Applied Statistics

### Professional Experience

---

#### Allstate Investments

June 2020 - August 2020

Technology Developer Intern

- Developed **.NET web application in C#** for electronic asset management of investments department to **prevent over \$8,000 worth of asset lost** and **save 600+ hours in employee time** annually
- Implemented app using **Semantic UI** along with **SQL server** to serve over 300 employees
- Integrated dynamic visualizations on asset data with **Plotly.js** to provide high-level insights for clients

#### Hack4Impact

September 2020 - Present

Software Developer

- Collaborated with teams of designers and developers on web apps to assist and empower non-profits partners including 3DP4ME and MENTEE with their technical needs
- Provided full stack support with **React** and **Flask/ExpressJS** to develop components with **RESTful APIs**

#### Enactus

January 2020 - December 2020

Project Manager

- Managed Ford Fund-winning social entrepreneurial project aiming to recycle abandoned bikes for earn-a-bike programs in underprivileged communities
- Applied **AGILE** methodologies in designing checkpoints to maximize team performance
- Spearheaded development of first revenue models to enable sustainable impact in programming

#### Yun Research Lab

November 2019 - October 2020

Research Assistant

- **Built machine learning pipeline** under guidance of Professor J. Yun to analyze company 10-K forms to detect early indicators of legal prosecution
- Leveraged **Python ML/NLP libraries** in mining **9 million+ word dataset** to extract insightful keywords

#### Alma's Talking Dogs

August 2019 - September 2020

Software Engineer

- Created graph visualizations for EEG output from **Arduino** devices using **Plotly.js** in **JavaScript**
- Contributed to **ML model training** to analyze EEG data to differentiate and predict emotions of dogs

### Projects

---

- **Data Marker:** GUI built in **C++** with **OpenFramework** for large JSON dataset labeling and preparation
- **Trafficking Light:** Collaborative effort with researchers of human trafficking on large **Twitter dataset analysis** via **Python** and **Java** libraries on online trafficking activities

### Skills

---

Languages	Java, Python, C++ , C#, JavaScript, C, HTML, CSS
Frameworks & Libraries	NET, jQuery, ReactJS, NodeJS, Flask, ExpressJS, Plotly.js
Tools	SQL Server, Jira, MongoDB, AWS, MySQL
Knowledge	Full-Stack Development, Data Analysis, Data Visualization, Project Management