

Zhixing Zhang

Purdue Computer Science Student

 <https://neoto.xin/>


 https://twitter.com/Neo_Zhixing

 <https://www.linkedin.com/in/zhixing>

 <https://github.com/Neo-Zhixing>

 me@neoto.xin

 (419) 777-4365

 1275 First Street
West Lafayette, IN 47906
Indiana US

Projects

Oct 2018 - Ongoing

Gather Play

Collaborative playlist and music visualization

Bring the exhilaration of music to the gathering of people.

- Spotify OAuth API
- Firebase Firestore for serverless deployment
- Vue.js Front-end GUI
- three.js for music visualization
- Synchronize music playback and visualization across devices

Dec 2017 - June 2018

TrainK

Train Trip Manager

Collecting data from 12306.cn and provide users with a intuitive report and analysis about their upcoming train journeys.

- History journey data collection and storage
- Train delay forecast and prediction
- Distributed Data scraping with Python, Celery and Scrapy
- Data Visualization using SVG and Canvas technology
- Python/Django RESTful Backend Development
- Frontend web application development based on Vue

Awards

Sept 16, 2018

Hello Tab - Best Overall

Hello World Hackathon | Purdue Hackers

An information hub that shows up whenever you open a new tab in Chrome or Firefox web browser.

- Vue.js, Webpack and Bootstrap
- Live2D technology to implement an interactive anime character
- Used Microsoft APIs to fetch outlook emails

Education

Aug 2018 - May 2022

Purdue University

GPA: 4.0

Computer Science Honors, Bachelor of Science

- Minor in Electrical and Computer Engineering
- Working part-time to help building an exam generator for the math department.
- Member of ACM SigBots; help building PROS(Purdue Robotics Operating System) and okapilib(Robotics Framework)
- 2nd Place in Sandia National Lab Space Blimp Coding Challenge @ Purdue

Experiences

Oct 2018 -

Purdue ITaP

Student Developer

Developing BoilerExam, a collaborative platform assisting course instructors to make exam papers.

- C#, ASP.NET Core, Entity Framework Core
- Vue.js
- Rendering LaTeX content
- Automatic layout and export in PDF format

July 2018 - July 2018

DJI

Summer Intern

Working as a summer intern in DJI Robomaster Summer Camp program to conduct testing on the company's unreleased products by constructing and programming a simple robotic system.

- STM32 MCU Programming with C
- PID and close-loop controlling
- Testing existing Python APIs

July 2014 - Aug 2014

MacX.cn

Software Developer

Independently developing a Mac application using Swift and AppKit, which helps users to download and install applications for Mac computers.

- Swift and AppKit
- Nearly 2 million times of use

Skills

- Web Frontend Development

HTML **CSS** **JavaScript** **Vue.js** **Data Visualization**

- Web Backend Development

Django **Python** **node.js** **C#** **ASP.NET** **Celery** **Scrapy**

- iOS/Mac App Development

Swift **AppKit** **UIKit**

Language

- English
- Chinese Mandarin