

Jerry Chen

jerrychen2018@gmail.com | github.com/jerrychen-2018 | (408) 766 - 9176 | Milpitas, CA

Education

Purdue University, West Lafayette

Degree Expected: May 2022

B.S. Computer Science, Data Science

- Cumulative GPA: 3.75/4.00
- Dean's List and Semester Honors: Fall 2019, Spring 2020, Fall 2020

Coursework and Technical Skills:

- Data Structures And Algorithms
- Computer Architecture
- Discrete Mathematics
- Probability
- Information Systems
- Data Mining & Machine Learning
- Java, C, Python, R, SQL, Javascript, HTML, CSS, jQuery, ReactJS, PyTorch, Firebase, Mapbox
- Linux, Mac OS X, Windows 10

Related Experience

[Project] FlameWardenUI

Jan. 2020 to Feb. 2020

BoilerMake at Purdue University

- Worked in a team of 4 in the creation of a ReactJS web application simulating instant visual information on emergencies for first responders
- Developed the login page using Firebase authentication API
- Designed and implemented a real-time interactive map with Mapbox API

[Project] PyTorchFI Visualization

Feb. 2020 to March 2020

HackIllinois at University of Illinois Urbana-Champaign

- Issued a GitHub pull request to PyTorchFI library, a runtime perturbation tool for deep neural networks created for PyTorch
- Contributed a bar graph that visualizes PyTorchFI's findings on collision-detection neural networks, utilizing Python libraries (matplotlib, numpy)

Additional Information

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- **Milpitas Sports Center, City of Milpitas** **June 2017 to present**
Lifeguard and Swim Instructor
 - Instructed toddlers, teenagers, and adults of various levels in fundamental swimming strokes
 - Oversaw rookie lifeguards during training before summer sessions
 - Held the responsibility of diligently watching patrons and gained skills in providing CPR and first aid
 - **Fluent in Mandarin**