Jun Rong Brian Chong

Email: brian.cjr2323@gmail.com
H/P: 402-525-3859
Address: 1055 N 16th St, S403B, Lincoln, Nebraska, 68508

LinkedIn: https://www.linkedin.com/in/bcjr1997/
GitHub: https://github.com/bcjr1997
Programming Languages: Java, Python

Education

University of Nebraska - Lincoln   **Lincoln, NE**

B.S. Computer Science Major, Mathematics Minor   January 2017 – December 2019

- **Cumulative GPA**: 3.741; **Major GPA**: 3.881
- **Relevant Coursework:** Data Structures and Algorithms, Design and Analysis of Algorithms, Software Engineering, Operating System Kernels, Internet Systems and Programming, Statistics and Probabilities, Linear Algebra, Human Computer Interaction, Introduction to Machine Learning.

WORK EXPERIENCE

University of Nebraska - Lincoln, Lincoln, NE - *Undergraduate Research Assistant (UCARE UNL)*

JUNE 2019 - AUG 2019

- Researched on images of animals using **Machine Learning** techniques to determine animal behaviors with **TensorFlow** and **Python**.
- Developed code that augment images with high contrast and horizontally flips them to balance the dataset.
- Automated the conversion of a dataset to a TFRecord format for better memory performance.

COURSE AND PERSONAL PROJECTS

CSG International, Omaha, NE - *Senior Capstone Software Developer*

AUG 2018 - MAY 2019

- Developed a program in **Python 3** that helps to detect incorrect information on PDF billings with a 92% validation accuracy using **Computer Vision**.
- Programmed unit tests with **Pytest** to detect bugs in the program.
- Maintained code in **PEP-8 standard** for easy readability and **GitHub** for version control.

DopplerTwitter: Twitter Clone - *Project for Internet Systems and Programming (CSCE 464)*

APRIL 2019 - MAY 2019

- Developed a Twitter clone in a **Single Page Application** that uses **MongoDB, Express, AngularJS, NodeJS and Bootstrap**.
- Programmed the front-end of the Web application using **AngularJS** and **Bootstrap 4** and code that store and get data from **MongoDB.**

Concert Ticket Website - *Project for Internet Systems and Programming (CSCE 464)*

JAN 2019 - MARCH 2019

- Developed a concert ticket website that sells tickets using **HTML5, CSS3, Bootstrap 4, Java, J2EE, JSP, and Servlets.**
- Implemented the **front-end, back-end**, and **security implementations** such as cross-site scripting.

Sentree: Violence Detecting System Concept – CornHacks 2019

JAN 2019 - JAN 2019

- Collaborated with a team of 4 members to develop a proof of concept in a Web Application with Computer Vision that detects violence in a team of four members.
- Programmed **Machine Learning** code that classify violence based on the given images and labels using **Python**.

SKILLS

Software: Java, Python, JavaScript, Git, Haskell, C++, HTML, CSS, MongoDB, MySQL, TensorFlow, AngularJS, NodeJS, Google Cloud Platform, Unix, C, J2EE, Bootstrap 4, Prolog, ANTLR