

## **Elaine Ng**

12597 Innovation Falls Dr | Orlando, FL 32828 | (407) 202-5200 | elaineng21@hotmail.com

### **EDUCATION**

- **University of Central Florida, Orlando FL** **Jan 2018 – May 2021**  
Bachelor of Science Degree  
Double Major: Computer Science and Statistics  
GPA: 3.938/4.0  
President's List: Fall 2019, Spring 2020, Fall 2020
- **Valencia Community College, Orlando, FL** **August 2013 – August 2016**  
Associate in Arts Degree  
Major: Computer Science  
GPA: 3.71/4.0  
President's List: Fall 2013, Spring 2014, Summer 2015, Spring 2016

### **SKILLS**

- Programming/Languages: C, Java, JavaScript, Python, R, SAS, HTML5, CSS3, Bootstrap, Angular, JSON, MySQL.
- Microsoft Office: Word, Outlook, PowerPoint, and Excel.

### **PROJECTS**

- Time Series Analysis and Forecasting for the Number of Tourists visiting Aruba, April 2019
  - Discovering trends and seasonality, SARIMA model fitting and diagnostics using R.
- A Linear Model to Predict Reported Hate Crimes, December 2019
  - Data collection and preprocessing, descriptive statistics, assumption testing, model building, evaluation, and prediction using SAS.
- Sunset Software: A Personal Contact Manager, June 2020
  - Web application development using LAMP stack.
- Trivia Crevice: A Computer Science Trivia Application, July 2020
  - Web and mobile application development using MERN stack.
- Predicting Credit Card Fraud Transaction, December 2020
  - Data preprocessing and resampling, visualization, model building using machine learning algorithms with Python and Scikit-Learn, evaluation and prediction.
- College Event Website, April 2021
  - Database design and creation using SQL with a browser-based interface.
- Lockheed Martin: Everglades Analytics, April 2021
  - Data collection, parsing, and preprocessing. Forecasting using supervised machine learning algorithms utilizing Python, Scikit-Learn, and TensorFlow.