Marina S. Chong

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EDUCATION:

- **The University of Texas at El Paso**

  Bachelor of Science - Computer Science   Major GPA 3.7/4.0

  Expected Graduation – December 2018   Overall GPA 3.45/4.0

- **Honors and Organizations**

Dean's List 2014 - 2017	MAES(Latinos in Science and Engineering) - Member
Grace Hopper Conference Scholar 2016	SHPE(Society of Hispanic Professional Engineers) – Member
Certification in Agile Engineering by Northrop Grumman	Certification in Scrum Master by Northrop Grumman

- **Relevant Coursework**

Advanced Object-Oriented Programming	Data Structures
Database Management	Design and Implementation of Prog. Languages

PROJECTS:

- Created a data transformation service with tools such as Swagger Online Editor for RESTful APIs, Docker, and JOLT Java library, to facilitate the conversion of large JSON files sent from the CDC to Northrop Grumman.
- Designed and created a webpage for my Database Mgmt. class using HTML, CSS, JS, PHP, and Materialize framework, for the purpose of creating a fictional company's database system.
- Designed a simple class registration system for my Advanced OOP class in Java and Java Swing for the UI.
- Developed simple Battleship games using PHP, Aspect J, and Haskell for my Design and Implementation of Prog. Languages class.

PROFESSIONAL EXPERIENCE:

- **Undergraduate Teaching Assistant – Intro to Computer Science, UTEP**   September 2017 - Present
    - Assist faculty members with classroom instructional material and reinforce programming concepts to a group of 50+ students.
    - Provide students with one-on-one help with assignments during weekly office hours.
- **Software Engineering Intern, Northrop Grumman/Center for Disease Control (CDC)**   Summer 2017
    - Created and implemented UX surveys for direct customer feedback on the Northrop Grumman homepage.
    - Created a prototype for the NGC homepage with a design based on the results of the surveys using Axure, Proto.io, and Wix.
    - Created a section for document management in Northrop Grumman's contracts dashboard in Microsoft SharePoint.
    - Used Java to create a data transformer using multiple tools such as Docker and Swagger Editor to create a RESTful API.
- **Engineering Peer Advisor, University of Texas at El Paso**   2015 – 2017
    - Helped with the development of the front-end UI design for the university's College of Engineering website using HTML, CSS, and Adobe Dreamweaver.
    - Assisted peers with academic resources and degree mentoring.
    - Performed data collection and analysis, as well as the coordination of meetings, presentations, trainings, orientations, recruitments, and College Ceremony activities.

VOLUNTEER EXPERIENCE:

- Hour of Code - Assist professors with K-12 students experience computer science   2015 – Present
- Leading church youth group and participating in community service   2013 – Present

SKILLS:

- Java (3 years), HTML(4 years), CSS(4 years), Bootstrap(4 years), Materialize(3 years), C(1 year),SQL(8 months), PHP(6 months).
- Operating Systems: Windows, Mac OS, Ubuntu
- Proficient in the use of Microsoft Office.
- Fluent in Spanish and English.