

Marina S. Chong

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EDUCATION:

- **University of Texas at El Paso**
Bachelor of Science - Computer Science
Expected Graduation – December 2018
Major GPA 3.8/4.0
Overall GPA 3.55/4.0
- **Honors and Organizations**
Dean's List – Fall 2014, Spring 2015, Fall 2015, Fall 2016
Grace Hopper Conference Scholar 2016
MAES(Latinos in Science and Engineering) - Member
SHPE(Society of Hispanic Professional Engineers) – Member
- **Relevant Coursework**
Advanced Object Oriented Programming Automata, Computability, and Formal Languages
Design and Implementation of Programming Languages Data Structures
Digital Systems Design I Database Management

PROJECTS:

- Created a Java based program that randomly generates a maze using Disjoint Set Forest
- Designed a Java based object oriented class registration system using diverse types of data structures
- Developed simple Battleship games using PHP, Aspect J, and Haskell.

PROFESSIONAL EXPERIENCE:

- **Software Engineering Intern, Northrop Grumman** Summer 2017
 - Developing software and software integration with multiple technologies such as Microsoft SharePoint.
 - Use Java to create a data transformer using multiple tools such as Docker, Elasticsearch, and Swagger Editor to create a RESTful API.
 - Creating and implementing UX surveys for direct customer feedback on the Northrop Grumman homepage.
- **Engineering Peer Advisor, University of Texas at El Paso** 2015 – 2017
 - Develop the front-end UI design for the university's College of Engineering website.
 - Assist peers with academic resources and degree mentoring.
 - Perform data collection and analysis, as well as the logistics 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
- Building sustainable housing for impoverished indigenous communities in Mexico 2014 – Present
- Leading church youth group and participating in community service 2013 – Present

SKILLS:

- Java, HTML, CSS, PHP, Python, and Haskell.
- Operating Systems: Windows, Mac OS, Ubuntu
- Proficient in the use of Microsoft Office.
- Fluent in Spanish and English.