

Marina S. Chong

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OBJECTIVE:

Looking for an internship in Summer 2018 in the areas of UX and web development or in software development.

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 2014 - 2017

Grace Hopper Conference Scholar 2016

Certification in Agile Engineering by Northrop Grumman

MAES(Latinos in Science and Engineering) - Member

SHPE(Society of Hispanic Professional Engineers) – Member

Certification in Scrum Master by Northrop Grumman

- **Relevant Coursework**

Advanced Object-Oriented Programming

Database Management

Data Structures

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