Marina S. Chong

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EDUCATION:

- **Master's in Software Engineering**
  The University of Texas at El Paso   **GPA**: 4.0/4.0
  Expected Graduation – December 2019
- **Relevant Coursework**
  Mobile Application Development   Human-Computer Interaction
  Secure Web Based Systems
- **Bachelor of Science – Computer Science**
  The University of Texas at El Paso   **Major GPA** 3.7/4.0
  Expected Graduation – December 2018   **Overall GPA** 3.48/4.0
- **Relevant Coursework**
  Advanced Object-Oriented Programming   Data Structures
  Database Management   Design and Implementation of Prog. Languages
  Software Requirements Engineering
- **Honors and Organizations**
  Dean's List 2014 - 2018   WICS (Women in Computer Science) Member - Present
  Grace Hopper Conference Scholar 2016

PROFESSIONAL EXPERIENCE:

- **Web Developer Intern – ExxonMobil**   **Summer 2018**
  - Developed a platform for software development questions and answers within ExxonMobil called Hivemind using Microsoft Azure Cloud Services and C#.
  - Developed the front-end using Razor as a ASP.NET Web Core Application.
  - Participated in a Hackathon where I developed the front end for a shared mail inbox using HTML, CSS, and Materialize framework.
- **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.
  - 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.
- **Instructional Assistant – Introduction 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.
- **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.

PROJECTS:

- Created a Sudoku game application for my Mobile Applications course, using Android Studio and Java that had the ability to connect using Bluetooth connection.
- Designed and created a webpage for my Database Mgmt. class using HTML, CSS, PHP, and Materialize framework.
- Developed simple Battleship games using PHP, Aspect J, and Haskell for my Design and Implementation of Prog. Languages class.
- Created a shell in Python that run basic commands, accepts input and output redirection, and piping.

SKILLS:

- Java (4 years), HTML(3 years), CSS(3 years), Bootstrap (1 year), Materialize(1 year), C(1 year), C#(6 months), SQL(6 months), PHP(6 months), Python (6 months).
- Operating Systems: Windows, Mac OS, Linux
- Software: Microsoft Office, Microsoft Azure, Microsoft Sharepoint.
- Fluent in Spanish and English.