
Howard Montes De Oca

Computer Science, Bachelor's Degree

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<https://hmontesdeoca.github.io>

EXPERIENCE

Tata Consultancy Services (*Currently Employed*)

Sep. 2021

- Trained as Google Cloud Engineer with ACE certification
- Designed sample SQL DB, Java Backend OOP, Frontend JSP/HTML/CSS

PROJECTS

Homemade Goods / Node, React, MongoDB

Dec. 2020

- Displays local businesses with homemade goods
- Dynamically loaded website with new cards
- Implemented Front-end design with React js

SeaShell / C++, Bash

Oct. 2020

- Recreated an interactive bash terminal with C/C++ code
- Command line interface that operates like most UNIX shells
- Bash scripting incorporated to test all commands available

Funko Pop Hunter (Web Scraper) / Java, JavaFx

Jan. 2020

- Developed JavaFX Graphical User Interfaces
- Implemented Jsoup file parsing and regex handling
- Crawled HTML files and Extracted Name matches/Hyperlinks

3D Shape Manipulator / Java, JavaFX

Dec. 2019

- Developed interactive shape displayer that can manipulate and move shapes
- Utilized JavaFX to create Menus, Toolbars, error dialogs, and file opening/saving

SKILLS

- Proficient with Java, SQL, and Google Cloud Platform
- Familiar with Kubernetes, Docker, Kotlin, C++, and Python
- Exposed to Node, React, MongoDB, HTML, CSS, JavaScript, Bash and Perl

EDUCATION

California Polytechnic University Pomona

Sep. 2016 - May 2021

- Core understanding of Data Structures / Algorithms
 - Familiarity with Multivariable Calculus / Linear Algebra
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