# Howard Montes De Oca

# Computer Science, Bachelor's Degree

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https://github.com/hmontesdeoca

# **Experience**

#### Tata Consultancy Services (Currently Employed)

Sep. 2021

- Trained as Google Cloud Engineer with pending 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 From database
- 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**

- Google ACE Training and Pending Certification
- Proficient with Java, SQL, and HTML/CSS
- 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