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# 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

### SteamDump / JavaEE, Apache Tomcat, HTML, CSS, JSP

May. 2022

- Grabs profile information from Steam API via OkHttp Requests
- Processes requests with Jackson JSON Parser
- Utilizes Apache Tomcat Server and via GCP Compute Engine VM
- MVC Design structure with HTML/CSS/JSP Frontend, Servlet Controller, and Java Backend

### 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

## 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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