

Rylan Chao

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EDUCATION

University of California, Merced
Computer Science & Engineering B.S.

GPA: 4.00/4.00
Expected May 2023

- **Relevant Coursework:** Data Structures & Algorithms, Discrete Mathematics, Multivariable Vector Calculus, Probability and Statistics, Algorithm Design & Analysis, Computer Organization and Assembly Language
- **Activities:** Association of Computing Machinery, Society of Asian Scientists and Engineers, Intramural Basketball

WORK EXPERIENCE

Best Buy
Sales Consultant

Dublin, CA
May 2018 – May 2019

- Consulted with customers to provide appropriate solutions and product services to 50+ clients a day
- Collaborating with the Personal Computers & Home Office sales team to exceed individual revenue target of \$1,100/hour
- Operating cash register and complete client checkout with a customer-first mindset
- Maintaining current knowledge of latest technological developments and store offers and services

PROJECTS

Google Cloud Workload Automation

- Orchestrated the provisioning of numerous Google Compute instances to run different development environments
- Leveraged Google Cloud API in tandem with HashiCorp Terraform to control scalable deployment of Compute Engine instances
- Incorporated headless chrome with web scraper script to automate checkout processes from GCP in different regions and zones

Web Scraper

- Developed a web-scraping tool that automates the fulfillment and checkout process for newly released products
- Implemented use of .json files to allow users to swap out multiple profiles of product and checkout information
- Integrated Selenium Python API to test functionality of program as well as give users active visual feedback during checkout process

Hack Merced 2020

- Created a sharable personal calendar application with a incentive system to encourage social good
- Built using CSS, HTML, and Javascript

SKILLS

Programming: Java, C++, Python, CSS, HTML, Javascript, C

Platforms: X86 Architecture Fundamentals, Virtual Machines (Virtual Box), Docker, Kubernetes

DevOps Tooling: Github, Gitlab, Terraform, Vault

Certifications: Working toward Google Associate Cloud Engineer Certification