

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, Intro to Object Oriented Programming, Operating Systems, Algorithm Design & Analysis, Computer Organization & Assembly Language
- **Activities:** Association of Computing Machinery, Society of Asian Scientists and Engineers

EXPERIENCE

Association of Computing Machinery
Artificial Intelligence SIG Lead

Merced, CA
March 2020 - Present

- Cooperating with leadership board to encourage technical excellence for 100+ students in the campus community
- Orchestration of 20+ events/workshops annually to promote student interest in industry and academia concepts
- Improving student learning by providing a platform for assistance in classwork or personal projects/interests

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 team to exceed individual revenue target of \$1,100/hr
- 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 Terraform to control scalable deployment of GCE instances
- Incorporated headless Chrome with web scraper script to automate checkout processes from GCP in different regions and zones

[Pliny the Younger](#)

- 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, Hashicorp Terraform, Hashicorp Vault

CERTIFICATIONS

[Google Associate Cloud Engineer Certification](#) (exp. August 2023)