Hans Elizaga

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EDUCATION

University of California - Berkeley — Berkeley, CA
Bachelors of Arts in Data Science and Cognitive Science; Overall GPA: 3.56 — *Graduation: May 2020*

- Relevant Coursework: Data Mining & Analytics, Data, Inference, & Decisions, Principles & Techniques of Data Science, Computational Models of Cognition, Cognitive Neuroscience
- Awards: Academic Honors, Consortium of Information Systems Scholarship, Warren L Finke Memorial Scholarship, Bernard Osher Scholarship

SKILLS/AWARD

- **Languages**: Python, C++, C, Java
- **Databases**: MySQL, PostgreSQL
- **Tools**: TensorFlow, Pandas, Numpy, GitHub, SKlearn, Scipy, Matplotlib
- **Web Technologies**: Flask, Django, HTML, CSS / SCSS, Javascript

HIGHLIGHTED PROJECTS & EXPERIENCE

Berkeley Wireless Research Center — Berkeley, CA
Associate System Administrator — *Oct 2018 - Dec 2020*

- Monitored server cluster/node health by analyzing hardware logs and critical syslog using Ganglia and Nagios.
- Designed scripts to automate routine sysadmin tasks, such as restoring databases/privileges, ultimately improving system availability (averaging 99.9% up-time.)
- Responsible for creating, managing, and updating company website content every week. Migrated the website's CMS to different platforms.

Project - Waste Image Classifier — Berkeley, CA
Course: Data Mining & Analytics — *Spring 2020*

- Led a team of five students in coding and implementing a full-stack website multi-layered convolution neural network to sort random pictures into trash or non-trash classifications.
- Used Google's Inception V3 for transfer learning on thousands of waste images crowd-sourced and taken personally.
- Built a website full-stack with Flask, Python, and HTML to provide visualization and interaction.

Project - Movie Recommendation System — Berkeley, CA
Course: Data Mining & Analytics — *Fall 2019*

- Developed a movie recommended system with collaborative filtering using a K-nearest neighbor algorithm and MovieLens dataset using Python, Pandas, and Numpy.

LEADERSHIPS & EXTRACURRICULAR ACTIVITIES

Northgate High School — Walnut Creek, CA
Wrestling Coach — *Nov 2017 - Present*

- Monitored student performances during practice and competition, working on suitable strategies according to one's wrestling and fitness capabilities.
- Led varsity team to consecutive league championships and the first district championship in ten years.

Society of Hispanic Professional Engineers (SHPE) — Concord, CA
Public Relations Officer — *Aug 2017 - Aug 2018*

- Successfully executing club socials, fundraisers and workshops with other on-campus organizations, raising over in total $10,000.