

Hans Elizaga

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github.com/helizaga

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EDUCATION

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

- **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
 - 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.
 - Awards: Academic Honors, Consortium of Information Systems Scholarship, Warren L Finke Memorial Scholarship, Bernard Osher Scholarship

LEADERSHIPS & EXTRACURRICULAR ACTIVITIES

- **Freelance** Walnut Creek, CA
 - Web Developer Aug 2017 - Present
 - Design and develop a fluid and responsive website to better showcase their product.
 - Implemented using HTML, CSS, Javascript, jQuery, and custom frameworks.
 - Clients: Noms.com, Thepumpmaster.com, Evoenergy.pro, Metrosak.com, hanselizaga.live