

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*

EXPERIENCE

- **Berkeley Wireless Research Center** Berkeley, CA
Associate System Administrator *Oct 2018 - Present*
 - **Server Monitoring:** Perform monitoring software administration using Ganglia, Nagios, and Unix shell scripting using Bash shell and SSH, optimizing system availability (averaging 99.95% up-time.)
 - **Virtual Hosting:** Installs, configures, and manages Apache virtual hosts and web services using Puppet modules in a Unix environment.
 - **Storage Management:** Perform daily backup of required file systems and systems data to the appropriate media according to specific settings for security and streamlined data flow.
 - **Infrastructure Support:** Set up user workstations, assisted in troubleshooting system issues in Unix and OSX computing environments, restored databases, and installed software.
- **Nomsi** Walnut Creek, CA
Web Developer *Aug 2018 - Dec 2018*
 - **Full-Stack:** Created a web layout and user interface in HTML and CSS and designed back-end server code using JavaScript and AJAX libraries.
 - **Q/A Testing:** Carried out unit tests, integration tests, and end-to-end tests to discover errors and optimize usability.
- **Society of Hispanic Professional Engineers (SHPE)** Concord, CA
Public Relations Officer *Aug 2017 - Jul 2018*
 - **Leadership:** Successfully executing club socials, fundraisers and workshops with other organizations.
 - **Executive Assistance:** Assisted the upper management of SHPE by interacting with executives of STEM companies in the Bay Area
- **Contra Costa Clean Water Program** Martinez, CA
Spokesperson *Summer 2016 - Present*
 - **Public Communication:** Educate the public about storm drain pollution and the environmental importance of recycling used motor oil and filters in a fast-paced social environment

PROJECTS

- **To-Do List (Spring 2020):** Developed a to-do list app with Python, Django, HTML, and SQLite
- **Document Scanner (Spring 2020):** Developed a document scanner using Python and OpenCV.
- **Waste Image Classifier (Fall 2019):** Used convolution neural networks and a pre-trained Inception model to sort random pictures into trash or non-trash classifications.
- **Movie Recommendation System (Spring 2019):** Developed a movie recommended system with collaborative filtering using a k-nearest neighbors algorithm on using Pandas and Python.

SKILLS/AWARD

- **Languages:** Python, C++, HTML, CSS, JavaScript, SQL
- **Frameworks/Tools:** Git, Slack, Pandas, Numpy, SKlearn, Scipy, Matplotlib, Django
- **Award/Honors:** Academic Honors (Summer 2016-Fall 2017, Winter 2018-19, Spring 2019), Consortium of Information Systems Scholarship (2017), Warren L Finke Memorial Scholarship (2017), Bernard Osher Scholarship (2017)