Chase Porter

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EDUCATION

University of California Berkeley**:** *B.S.* Electrical Engineering and Computer Science; *Minor* Art Practice
*Graduation Date***:** Spring 2017; *GPA*: 3.69
Computer Science Skills: Android development, React, Unit Testing, Python, Java, Javascript, C, C++, Multithreaded design, Linear Algebra, Statistics
Art Skills: Illustration, Figure Drawing, Acrylic, Watercolor, Ink, Charcoal, Multimedia, Digital Painting

EMPLOYMENT

Mobile Enerlytics, LLC – Berkeley, CA; Full Stack Software Developer *September 2018 – October 2019*

- Developed an Android application to collect data for determining the energy profile of a phone and developed frontend website in React to present data corresponding to mobile device energy profiles as well as conduct statistical testing of energy data. Managed QA for app and frontend.

Carden School of Sacramento – Sacramento, CA; After School Care Provider *January 2018 – June 2018*

- Supervised children in kindergarten through eighth grade range after school until their guardian arrived.

It's a Grind Coffeehouse – Elk Grove, CA; Barista *January 2018 – May 2018*

- Provided customer service in a fast paced cafe.

Bazaarvoice – Austin, TX; Software Engineering Intern *May 2016 – August 2016*

- As part of the data analytics team, used Amazon Web Services, Amazon Redshift, and Apache HBase services to implement a java based MapReduce ETL process from one Database to another.

PROJECTS: CODING, ART, MUSIC

*Tweet Clustering***:** Created a python based data clustering algorithm using k-means clustering on a tf-idf statistic of the words used in the individual tweets from a larger set of tweets to group the tweets by category. Expanding project with a Recurrent Neural Network for tweet generation.

*Machine Learning Classifiers***:** Implemented several python based classifiers for MNIST handwritten numbers from scratch using many different classifying techniques such as LDA, QDA, Decision Trees, L2 Regularized Logistic Regression with the minimum loss found using Stochastic Gradient Descent, and a Neural Net trained with backpropagation.

UpCycle Pop: Installed a gallery wall of pieces made from recycled materials for UpCycle Pop in Sacramento, an art studio and marketplace for local artists in an abandoned office building with an emphasis in producing work from discarded materials.

Commissions: Have sold commissions of paintings of pets, portraits of children, and paintings for musician's album covers

BAMPFA Student Committee Film Festival 2019: Composed musical score for the film "Table Manners" accepted into Berkeley Art Museum's Student Film Festival.

Music Performances: Designed poster for and performed in 90s Cover show in Sacramento put on by Band of Coyotes (named best new band in Sacramento for 2019 by Sacramento N&R); performed in two original shows under the name East West Northish

LEADERSHIP AND TEAMWORK

March For Science – Sacramento, CA; Volunteer Website Coordinator and Artist *May 2018 – Present*

- Sacramento's March For Science advocates for evidence based policy decision making.
- Volunteered to manage website: update with new information about march logistics and information such as the date, march path, speaker information, and parking
- Donated paintings to be sold at auction to raise funds for event.

Ode To Earth IV – Sacramento, CA; Volunteer and Artist *August 2018 – September 2018*

- Ode to Earth was a performance that featured a diverse set of acts from poetry, dance, live music, acrobatics, and comedy. All proceeds went to support 350 Sacramento, a grassroots organization advocating for local climate action.
- Along with helping plan, donated two paintings to be sold at auction to raise funds for the event.

UC Berkeley IEEE – Berkeley, CA; Internal Vice President, Event Coordinator *May 2015 – May 2017*

- Organized club meetings, large club-wide events, Alumni outreach, and club proceedings