WILL CHERNETSKY
DATA SCIENTIST

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San Francisco, CA
willchernetsky
WillNetsky

Skills

DATA SCIENCE
Scikit-Learn
Pandas
D3.js
SQL
Microsoft Excel
R
RStudio
Shiny

PROGRAMMING
Python
C
Java
C#
Jupyter Notebook
Bash

OTHER
Sensor Systems
Salesforce Administration
inContact Administration
JIRA
ElasticSearch
Kibana
Regression Testing

Education

University of California, Santa Cruz
B.S. Computer Engineering
Robotics and Control 2014
Dean's List All Quarters

Hartnell College
Electrical Engineering Transfer Requirements

Awards

Santa Cruz County Fair · Homebrewing Best of Show 2013 Sep 2013
Overall best of show and first prize in category for American IPA. Also received second prize for the categories of English Brown Ale and German Wheat/Rye Beer. 250+ total entries. BJCP certified competition.

Summary

Recent graduate from the University of California Santa Cruz with a Bachelor of Science in Computer Engineering, with a specialization in Robotics and Sensor Systems. Previous experience in software QA, computer engineering, and electrical engineering (circuit design, semiconductor analysis). Also an award-winning Home Brewer.

Projects

Beer Recommendation Engine
Using tf-idf, Latent semantic indexing (LSI), and Latent Dirichlet Allocation (LDA) applied to a corpus of beer reviews, found cosine similarity between beers, in order to recommend similar beers and burgeoning styles

Editor Pick in Data Science Weekly #139
Featured in Data Elixir #89
http://willnetsky.github.io/Beer-Recommender/

Mechatronics Automated Robot
Designed, programmed and built a robot that would navigate to a target while looking for a beacon to shoot Ping-Pong balls at it

- Designed and wrote multiple Hierarchical State Machines and Event Driven Programming to autonomously navigate a robot
- Developed mechanical body of the robot using SolidWorks
- Implemented Op-Amps, Filters, A/D Converters, Sensors, and DC/Stepper Motors

Predicting Opening Weekend Revenue for Movies
Using data scraped from BoxOfficeMojo, The Pirate Bay and Metacritic with BeautifulSoup; created a linear regression model to predict the opening weekend revenue for newly released movies

Experience

Metis
San Francisco, CA
Data Scientist
Apr 2016 to Current

- Metis is a 12 week immersive Data Science bootcamp covering topics in Statistics, Machine Learning, Programming, Communication, and Design

LanguageLine Solutions
Monterey, CA
Software QA Analyst
Feb 2015 to Aug 2015

- Ran regression tests on interpretation software hot-fixes
- Managed QA efforts in implementing new video interpretation platform
- Managed team of interpreters acting as beta testers
- Helped create software to help beta interpreters log call audio quality and issues
- Discovered correlation between high load and poor call quality, which led to proactive load testing before all accounts were migrated to new platform

Monterey, CA
Interpreter Training Team Member
Jan 2015 to Feb 2015

- Automated the tracking of training progress for interpreters migrating to a new platform
- Analyzed call lists to more efficiently contact interpreters about training updates
- Resulted in reducing the total training time for platform migration from the planned 18 weeks to 6 weeks

UC Santa Cruz ITS
Santa Cruz, CA
Project Assistant
Oct 2012 to Jun 2014

- Audited newly renovated buildings and reconciled their AutoCAD floor plans
- Audited network connections and maintained a reference spreadsheet to show connectedness between locations

Santa Cruz, CA
Field Operations
Jun 2012 to Sep 2012

- Installed network equipment throughout dormitories and remote areas in the wilderness
- Assisted in configuration of network switches and audited cable mapping and maintained excel sheet of connections

Naval Postgraduate School
Monterey, CA
Lab Intern
Jun 2011 to Sep 2011

- Maintained and operated the Agilent B1500A Semiconductor Analyzer and the Anti-Vibration Table / Semiconductor Microscope