

# Aubrey Tucker Sine

## Contact

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## Objective

Student seeking employment in Data Science/Software Engineering roles. Data-driven developer, creative and dedicated problem solver, effective communicator/collaborator and fast learner.

## Education

**Chapman University - Orange, CA**

Expected Graduation - May 2021

Major: Data Analytics

Cluster: Philosophy, Knowledge and Reality

Major GPA - 3.2

Relevant Courses - Data Structures/Algorithms, Machine Learning, Data Science, Symbolic Logic, Applied Business Analytics, Data Networks, Database Management

## Experience

**Software Test Engineer**

(06/20 - 08/20)

**NXP Semiconductors - Irvine, CA (remote)**

- Updated existing R scripts to increase function time, dealing with data in PPB (parts per billion).
- Used R scripts with Exsenio Yield to visualize databases in timely fashion for demos.
- Worked with team derived formula that effectively identified outliers for product testing.
- Collaborated with team members in Europe/Asia.

**Construction Specialist**

(06/19 - 12/19)

**Rich Readimix Concrete Inc. - Greenbrae, CA**

- Operated and maintained concrete pump to ensure safety of customers and coworkers.
- Maintained 100% customer satisfaction through effective collaboration with team members.

**Test Engineer**

(06/18 - 08/18)

**Datatel Services Inc. - Mill Valley, CA**

- Completely transformed the web structure to a web API for performance enhancements.
- Developed unit tests for each new function developed (C#).
- Pushed new aspects to live website/manual regression tests on live vs old.
- Collaborated in Asana.

## Projects

- Student/teacher registrar database with expected functions (add, drop, waitlist, etc.) and live time updates (C++)
- Used online MLB dataset to predict wins/winning season (Python, Jupyter Notebook)
- Sentiment analysis of a airlines using Twitter (Python, Jupyter Notebook)

## Technical Skills

Python, Java, Git, C#, C++, Linux, Exsenio Yield, R, MatLab, Data Structures, Html, Js, Css, Sql, Sqlite, GitHub, Markdown, Jupyter, Microsoft Office, Docker, Salesforce, Asana, Slack

## Affiliations

Member of Data Analytics Association

(Member since 2019)

Head of New Member Education - Omega Chi Chapter of Phi Gamma Delta

(Member since 2017)