Phil Stubbs

philipstubbs13@gmail.com | 952-454-3933

https://github.com/philipstubbs13 | https://www.linkedin.com/in/philipjstubbs/ | http://www.philjstubbs.com

TOOLS

React, Next.js, HTML, CSS, Materialize, Bootstrap, JavaScript, Handlebars, Semantic UI, Material UI, Storybook**,** Node.js, MySQL, Firebase, APIs, REST, Express, Sequelize, MongoDB, Mongoose, AWS, Python, Pandas, Matplotlib, NumPy, Jupyter Notebook, Google Colab, Excel (VBA and pivot tables), Tableau, D3.js, Machine Learning (using scikit-learn), Leaflet.js, Postgres, Heroku, Git, ETL, Flask

EDUCATION

University of Minnesota, Data Visualization and Analytics Certificate; Completed May 2020

University of Minnesota, Full Stack Web Development Certificate; Completed May 2018

University of Minnesota, B.S. in Scientific and Technical Communication; Graduated August 2013; **GPA 3.974**

PROJECTS

Mental Health in Tech
- **Live:** https://mental-health-in-tech.herokuapp.com/
- **GitHub:** https://github.com/abbylemon/mental_health_ML
- Obtained data from the OSMI (Open Sourcing Mental Illness) Mental Health in Tech Survey and compared machine learning models to analyze whether an employee in tech would seek treatment for mental health.
- Constructed a model using natural language processing and sentiment analysis that analyzes mental health conversations employees have with their employers.
- Built using AWS, Postgres, Python, Pandas, PySpark, Flask, Swagger, HTML, CSS, Heroku, TextBlob, VADER, scikit-learn.

Visualizing Australia Fires
- **Live:** https://australia-fire-api-dashboard.herokuapp.com/
- **GitHub:** https://github.com/philipstubbs13/australia-fire-api-and-dashboard
- Created an API and data visualization web app to visualize how wildfires have affected Australia over time.
- Built using Flask, MongoDB, MongoDB Atlas, Heroku, Jupyter Notebook, Python, D3.js, d3-timeseries, Leaflet.js.

YouTube Trending Insights
- **Live:** https://philipstubbs13.github.io/Web-Design-Challenge/#/youtube-insights
- **GitHub:** https://github.com/philipstubbs13/team_hopper
- Uncovered observations and insights into trending videos for one of the largest search engines and social media platforms.
- Built using YouTube API, Jupyter Notebook, Python, Pandas, Matplotlib, HTML, CSS.

Sheltr
- **Live:** https://tcsw-homeless.firebaseapp.com/
- **GitHub:** https://github.com/philipstubbs13/tcsw-sheltrus
- **Won 1st place at Twin Cities Startup Weekend.**
- Designed a web app with a team of 3 other individuals that allows homeless people in Minneapolis to quickly find nearby shelters and keep track of their personal information.
- Built using React, JavaScript, HTML, CSS, Material UI, Firebase, Twilio, Google Maps, and Lodash.

ArtOwl
- **Live:** https://x20-7820c.firebaseapp.com/
- **Won 2nd place at Rochester Startup Weekend.**
- Validated and created the user interface for a web app that connects local artists in Rochester with art enthusiasts.
- Built using React, JavaScript, HTML, CSS, Material UI, and AWS.

WORK EXPERIENCE

Parallax | *Full Stack Software Engineer* | Edina, MN | 2019 - Present
- Build React components using Storybook and help create a reusable, easy to maintain component library.
- Help develop Node.js API endpoints on the backend of the application, which allow the frontend (React) to consume those endpoints and interact with the database (Cloud Firestore).
- Develop charts using React AnyChart to help users visualize data within the application.

Medtronic | *Technical Writer* | Mounds View, MN | 2017 - 2019
- Built and updated the online help and user documentation for the Paceart Optima System (a patient and device management software application).
- Collaborated with engineering and human factors to create a patient manual for a home remote monitor that receives information from a patient's heart device and relays that information to the patient's doctor.

- Worked closely with development and human factors to update the online help for Reveal LINQ Mobile Manager (an app used by clinics to interrogate a patient's implanted heart monitor).

Oracle | *Technical Writer* | Nashua, NH | 2014 - 2016
- Used DITA and CCMS authoring tools, such as Arbortext and SDL Publication Manager, to create and develop documentation that helps users install, configure, and effectively use Oracle software.
- Researched and analyzed information about a new product or feature by interviewing key subject matter experts and working hands-on with the product to quickly learn technical concepts.
- Established good working relationships with team members by regularly communicating project status each sprint.