# **ALEXANDER SCHAAF**

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github.com/tunkytime

#### **EMPLOYMENT**

Software Engineer Blue Matador January 2020 - Present

- Integrated React Hooks and Context into code base to improve component reusability and reduce redundant code
- Created dynamic graphs with React + D3 to allow customers to view data from AWS and Kubernetes
- Used Scala and MySQL to organized large amounts of customer data and develop and maintain APIs
- Shipped production-ready code in fast-paced startup environment and actively contributed to road map initiatives

#### **Web Development Consultant**

## **Schaaf Development**

Sep 2019 - Mar 2020

- Designed effective UI/UX for websites using Adobe XD, Illustrator, Photoshop, and other design software
- Implemented website designs using various platforms such as WordPress, Squarespace and Wix
- Managed the design process from start to finish, including client consultations and site performance audits

Co-Founder Paper Focus Apr 2016 - Jan 2020

- Built an Etsy store and custom eCommerce Shopify website; received 20K+ unique monthly visitors
- Optimized and automated email campaigns that outperformed industry average click rate by 6.5%
- Developed unique products using Adobe Illustrator and Photoshop; received 3,000+ five-star reviews

## BI Analyst & Revenue Manager

#### Swire Coca-Cola

Apr 2017 - Dec 2019

- Created a Python script to automate the extraction of data for KPI report, reduced processing time by 30%
- Designed company color scheme API and established a consistent design template for Power BI reports
- Developed optimal retail offers and marketing strategies for key accounts that increased revenue by 14%

#### **SOFTWARE PROJECTS**

GoalDen: begoalden.herokuapp.com | github.com/tunkytime/goalden-app

- Developed goal-sharing application using React.js and Node.js that pairs users based on specific goals
- Designed backend server and API to store user data and efficiently serve data from MySQL database
- Integrated open source search library to match users based on the similarity of their goals
- Utilized: JavaScript, HTML, CSS, Materialize, React.js, Node.js, Express.js, SQL, Cloud Storage, Fuse.js, AuthO

DevHelper: devhelper-app.herokuapp.com | github.com/tunkytime/devhelper

- Created web application with Handlebars.js and Node.js that helps aspiring web developers stay motivated
- Structured mobile-responsive dashboard page that features news articles from external API and live editing
- <u>- Utilized:</u> JavaScript, HTML, CSS, Bootstrap, Handlebars.js, Node.js, Express.js, SQL, Passport.js

NaT App: <a href="mailto:tunkytime.github.io/NaT-App/home.html">tunkytime.github.io/NaT-App/home.html</a> | github.com/tunkytime/NaT-App

- Created application with jQuery and Materialize that retrieves information about U.S. cities & national parks
- Developed algorithm to filter through tags on 100+ images to return relevant images for searched location
- Integrated several external APIs to retrieve weather information and local attractions for cities and parks
- Utilized: jQuery, HTML, CSS, Materialize, Firebase, Moment.js, Pixabay, Foursquare, National Park Service

## **E**DUCATION

# Sandy, UT Trilogy Education

**July 2019** 

- Certificate: Full-Stack Web Development
- Accomplishments: Received award for Best UI/UX on web application built using JavaScript and Materialize

Salt Lake City, UT University of Utah May 2015

- Major: Finance
- Accomplishments: Chartered Financial Analyst Research Challenge Winner, managed \$150K investment fund

# **S**KILLS

JavaScript, React, Redux, D3, FlowType, TypeScript, Scala, Node, SQL, Git, WordPress, Squarespace, Adobe XD