

Dylan Patch

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-- A zealous, multi-talented data analyst with proven experience in --
-- interpersonal skills, team development, and creative problem solving --

TECHNICAL SKILLS

Tools: Python, Pandas, NumPy, SQL, Tableau, Looker, HTML/CSS, Beautiful Soup, JavaScript, D3.js, Plotly, Leaflet, R, Microsoft Excel, VBA, Apache Hadoop, Machine Learning, JSON, Big Data, C++, ArcGIS

Databases: MySQL, MongoDB, PostgreSQL

Other: Flask, Git, Command Line

SOFT SKILLS

Language Skills: Spanish (Advanced) | Dutch, Swedish, Mandarin (Basic)

Other: Public Speaking, Leadership, Management, Teamwork, Project Development, Non-Profit Experience, Sales

EXPERIENCE

REI, Denver, CO

Retail Sales Specialist

Aug 2020 - Jun 2021

- Problem solved the most mutually beneficial outcome in new situations every interaction at customer service.
- Always learning attitude led to opportunities to be trained in a number of different departments during my short time there.
- Consistently ranked in the top 10% of salespeople in membership sales.
- Took on many additional projects, such as creation of a troubleshooting team for the technology at frontline.

Up with People, Road Position

External Relations Manager

Jul 2019 - Mar 2020

Admissions Representative

Jul 2018 - Mar 2020

- Worked in 11 countries as a primary admissions recruiter for a global education non-profit
- Well versed in global communication, public speaking, and workshop facilitation. Facilitated 300+ workshops for groups ranging from 15-250 people at a time.
- Managed, trained, and mentored a team of Admissions representatives and interns from a variety of cultural backgrounds. Implemented a "Coaching and Leadership" program for my team to empower and grow each individual's skill sets.
- The coaching programs I implemented within my first year as the External Relations Manager, directly lead to my team breaking an all time recruitment record for a 55 year old organization.
- Developed an arsenal of critical thinking and problem solving skills that were essential for the turbulent nature of navigating international travel, host families, and 80 young people from 17 countries. Developed a keen sense of adaptability and teamwork, and was always ready to jump in and take on whatever duties were necessary.
- Excelled through the organization and was fast-tracked into an External Relations Manager position based on consistent high performance and proven leadership.

Continued...

Parkifi Inc (Acquired by Dish), Denver, CO
Software Engineering Intern

May 2015 - Sep 2015 & May 2016 - Sep 2016

- Experience in creating easy to understand dashboards to optimize customer experience through utilization of SQL skills and API knowledge.
- Small, start-up structure gave me an opportunity to have a hand in everything from soldering circuit boards to project management.
- Worked on the basis of Agile methodology, which enforced synergistic and collaborative software development to improve end user experience.

Seattle Pacific University Library, Seattle, WA

Tech Lead

Aug 2017 - Jun 2018

Tech Desk Consultant

Feb 2015 - Aug 2017

- Troubleshoot problems on a wide variety of operating systems and programs.
- Responsible for much of the technology in the library such as printers, cameras, and laptops.
- Researched and implemented a system to fix broken Chromebook screens and keyboards in-house to save costs.

PROJECTS | RELEVANT EXPERIENCE

Basement Producers Toolkit | 2021

The culmination of my experience in DU's Data Analytics and Visualization bootcamp. I created a multi-functional web application that enables a user to visualize piano chords, learn popular song's chord progressions, and even uses a neural network machine learning model to predict the final chord in a progression. The tool is aimed to be an educational tool to help amateur music producers broaden their creative scope without getting lost in the weeds of the intricacies of music theory. Experience owning and developing a full suite application with a back end Flask application communicating with my front end, which is hosted on Github. Utilization of static data, and dynamic web-scraped and API data sources.

Key tools: Python, BeautifulSoup, Flask, SKLearn, Javascript, Tensorflow, Plotly, HTML/CSS, Heroku.

GitHub Repository: <https://thatpatchguy.github.io/thatpatchguy/bpt.html>

Up with People Tour Exploration | 2021

Working with the Non-profit Up with People, an organization I have worked for in the past, I created a tool to help alumni of the program track where their tour went while travelling and volunteering abroad. This required scraping and cleaning of data, using google API to find coordinates of cities, and plotting the tour destinations through Leaflet.

Key tools: Python, Javascript, Leaflet, APIs, BeautifulSoup, HTML/CSS

GitHub Repository: <https://thatpatchguy.github.io/thatpatchguy/uwp.html>

Air Quality vs. Policy Decision | 2020

An exploratory project analyzing the relationship between government level policy decisions such as investment in electric cars and public transportation on the air quality of the local area. This project required combining different datasets from all sorts of different sources, studies, and APIs. Due to the countless factors that do factor into the local air quality there could not be any proven correlation between the studied variables.

Key Tools: Python, Pandas, Matplotlib, Numpy, HTML/CSS

GitHub Repository: <https://thatpatchguy.github.io/thatpatchguy/aqIndex.html>

EDUCATION

Seattle Pacific University, Seattle, WA

- Bachelor of Science, Information Systems
- Bachelor of Arts, Spanish Studies
- GPA: 3.72 | Cum Laude

Data Analytics and Visualization Executive Education Certificate |2020

A 24-week rigorous Bootcamp program focused on practical technical skills needed to solve data problems. Increased working knowledge in Excel, Python, JavaScript, SQL, Tableau, Hadoop, and Machine Learning