

# DANIEL NAYLOR

## PROGRAMMER



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## SUMMARY

Coder with a passion for knowledge. With a background in history, I excel at recognizing the big picture while understanding the fine details. I identify problems by thinking outside of the box, and create unique solutions to address them.

## SKILLS

**LANGUAGES:** Python, SQL, R, HTML, CSS, JavaScript, Java, C

**SKILLS:** Machine learning, Data Analysis, Modeling techniques, Excel, Tableau, Web scraping, Data management, Github, Back-end web development, Visualization, presenting, and reporting

**LIBRARIES:** Numpy, Pandas, scikit-learn, SciPy, matplotlib, seaborn, BeautifulSoup, bokeh

## EDUCATION

### Edmonds Community College

Associates of Science Computer Science 2018

Transfer degree with a main focus in Computer Science

### Highline Community College

Computer Science

Object Oriented Programming with a focus on Web Design. Ended up transferring to Edmonds to coincide with moving.

### Washington State University

B.A History 2014

Graduated with a general History degree with a certification in Anthropology History Club

## PROJECTS

### CAREER RECOMMENDATION

Built a recommendation system for a client site where a user can input their resume and receive recommendations for potential career changes.

Dec 2016 to Dec 2016

### FIND SEATTLE ART

Built during a Hackathon, helped my group build a site where a person can find local Seattle art with an interactive Google map. The data was publicly available through [data.seattle.gov](http://data.seattle.gov)

Dec 2016 to Dec 2016

### TWITTER SENTIMENT ANALYSIS

Using machine learning methods, performed Twitter sentiment analysis for airlines to determine what kind of tweets 6 different US airlines were receiving on Twitter.

Dec 2016 to Dec 2016

### MOVIE RECOMMENDER

Using IMDB to gather features, analyze these movie features to determine what made movies popular based off the top 250 IMDB movies.

Nov 2016 to Nov 2016

### WEB SCRAPING INDEED.COM TO PREDICT SALARIES

Used web scraping techniques to gather data from Indeed.com. Used this data to predict salaries for the jobs that did not list their salaries. Among the features used: location, job title, and company.

Nov 2016 to Nov 2016

### UTILIZING DATA TO PREDICT FUTURE SALES

This project used public data provided by the State of Iowa regarding liquor sales from 2012 to March 2016. I used the past year's total sales, and the first 3 months of 2016 total sales to predict the expected sales for liquor in Iowa for the rest of 2016.

Nov 2016 to Nov 2016

### DATA ANALYSIS

Looking at SAT scores for the USA, performed Data Analysis to get better insight.

Oct 2016 to Oct 2016

## EMPLOYMENT

### SELF EMPLOYED

Video Game Streamer

Using twitch.tv, I streamed video games. Was content doing it for a while, but recently decided to stop streaming and move on from that in order to focus on my studies and get a professional career.

Twitch.tv  
Jun 2012 to Apr 2017

## VOLUNTEERING

### ORPHAN ACRES · Farmhand Pullman, WA

Helped with various activities around a farm that rehabilitates and saves horses from injury or bad situations. Things like cleaning pens, taking horses on walks, feeding, or helping the folks who lived there however they needed.

Apr 2013 to Jun 2014

### LINCOLN MIDDLE SCHOOL · Tutor Pullman, WA

Was a tutor at the local middle school for a special ed 8th grade class. While there, I interacted with the students and assisted with homework help. Helped the kids socialize while also working on their assignments.

Jan 2011 to Jan 2012

## AWARDS

### Highline College · DEAN'S LIST

Dean's List Fall Quarter 2015

Jan 2016

### Socrata · 2ND PLACE IN GENERAL ASSEMBLY HACKATHON

Helped build a website that allowed a user to quickly find local Seattle art.

Dec 2016