



# Alan Cecil

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## PROFILE

My background is in film and theater. I initially learned JavaScript to create and drive video effects. I then became interested in the power and potential of coding. I have always excelled in creative problem solving and learning to code has been a huge expansion of possibilities for me.

I am looking forward to working on a team where I can use my knowledge and imagination to make a real, positive impact. I want to be part of a team doing work that I can be proud of.

## LANGUAGES

Python  
JavaScript  
R  
SQL

## TOOLS

Tableau  
Node  
Docker  
NGINX

## EDUCATION

2018

*Data Science & Visualization*

### UC SAN DIEGO EXTENSION

A 24-week intensive program focused on gaining technical programming skills in Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

## EXPERIENCE

2018

*present*

*Data Science Teaching Assistant*

### UC SAN DIEGO EXTENSION

Teaching Assistant for Data Science & Visualization bootcamp at UCSD Extension, covering Python, NumPy, Pandas, Matplotlib, MySQL, MongoDB, JavaScript, D3.js, Tableau, Spark, Machine Learning.

2016

2018

*Front End Web Developer*

### FREELANCE

Developed and maintained user interfaces for the web using JavaScript, jQuery, HTML and CSS.

2016

2016

*Junior Developer*

### 3 SCREENS STUDIO

Implemented schema updates with Python and MongoDB for an environmental compliance management system.

## PROJECTS

2018

### Mapping Malaria

A collection of interactive visualizations representing global malaria data from Global Health Data Exchange. Written in JavaScript using Leaflet, Plotly, D3 and jQuery.  
[alanryancecil.com/mapping-malaria](https://alanryancecil.com/mapping-malaria)

2018

### Mission to Mars

A display of information scraped from several sources using Python, Splinter and BeautifulSoup.  
[alanryancecil.com/mars](https://alanryancecil.com/mars)