

# Dylan L. McLane

[mclanedylan@gmail.com](mailto:mclanedylan@gmail.com) | [www.linkedin.com/in/dylanmclane/](https://www.linkedin.com/in/dylanmclane/) | [github.com/dylanmclane](https://github.com/dylanmclane)  
<https://www.dylanmrocks.com>

## Professional Experience

### Esri, Redlands, CA (Remote),

Full Stack Support Engineer | July 2022 – Present

ArcGIS Analyst | February 2020 – July 2022

- Facilitated success for 10+ customers weekly utilizing front-end and back-end web analysis
- Optimized customer Python scripts, resulting in reduced execution time
- Analyzed HTTPS web traffic and JavaScript code to troubleshoot error codes
- Automated test scenarios with Python while collaborating with software development to reproduce bugs
- Authored bug logs following Salesforce knowledge article specifications
- Configured API requests via Postman to interact with ArcGIS REST API for routing and geocoding
- Mentored 5 colleagues and collaborated on a team of 40, resulting in 14% customer success increase
- Improved process workflows with senior leadership as a contributor on the Improvement Taskforce

## Relevant Experience

### Harvard CS50: Introduction to Computer Science

May 2023

- Comprehensive introduction to computer science, covering topics such as programming in C, Python, JavaScript, and SQL, algorithms, data structures, memory, and more

### FreeCodeCamp

- [Responsive Web Design certificate](#) October 2022
  - 5 responsive HTML and CSS projects: Survey form, Tribute page, Technical Documentation page, Product Landing page, and Personal Portfolio webpage

### LinkedInLearning

- Become a JavaScript Developer Learning Path July 2022
- Become a Front-End Developer Learning Path July 2022
- Become an Interaction Designer Learning Path April 2022

### Built and manage content and SEO for personal Wordpress portfolio website hosted on AWS

- <https://www.dylanmrocks.com> December 2021 - Present

## Education

### Bachelor of Science in Geology, College of Charleston, 2016 - 2019

- *Geology Club, Vice President (2018 - 2019)*, leadership, teamwork, and communication skills
- *Rock Stars*, Published Article in College of Charleston Magazine
- *Sigma Gamma Epsilon*, National Honor Society in the Earth Sciences
- Beginner ArcMap, ArcGIS Online, and Python
- Undergraduate Geochemistry research; presented research poster at the American Geophysical Union Annual Meeting 2018 in Washington DC on the Evolution of Taos Plateau Volcanic Field Lavas

## Technical Skills

C, JavaScript, Semantic HTML5, CSS3, SASS, TypeScript, ES6, Bootstrap, Node, Express, Next.js, Socket.io, React, Angular, JQuery, SQL, Python, Flask, Machine Learning, Git, Amazon Web Services, EC2, Lightsail, DNS management, SEO, WordPress, Drupal, Docker, GitHub CoPilot, GPT-3 and GPT-4 prompting, Agile, Scrum