

# John F. Fessler

## Python Engineer and Cloud Developer

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GitHub: <https://github.com/jffessler>

### PROFESSIONAL SUMMARY

Hard-working and multi-talented professional with strong skills tied with natural sciences, computer science, and team leadership, looking to enter the world of Web and Cloud Development. With years of work and educational experience honing my abilities, I have input for: AWS Cloud Development, conservation science, environmental restoration, and multiple coding languages including: Python, MATLAB, SQL, and C++.

### TECHNICAL SKILLS

- **Proficient:** Python, HTML5, CSS, Node.js, AWS Lambda, DynamoDB, Supabase (Firebase Alternative), SQL, C++, MATLAB, GitHub, Julia, JavaScript, Amazon Web Services
- **Certifications:**
  - AWS Certified Developer - Associate | [Certificate](#)
  - AWS Certified Cloud Practitioner | [Certificate](#)
  - Python Bootcamp | [Certificate](#)

### TECHNICAL EXPERIENCE

#### Portfolio | [Website](#)

April 2023

- Developed web application using HTML5, CSS and JavaScript.
- Used VSCode to develop the application, storing the application code on GitHub.
- Used Netlify to deploy and host the application from the GitHub repository.

#### Full Stack Web Application | [Website](#)

May 2023

- Developed a Full Stack web application using Node.js, JavaScript, HTML5 and CSS with a Supabase database.
- Hosted and deployed the application using Netlify pipelines from GitHub repository.

### PROFESSIONAL EXPERIENCE

#### Python and Web Developer

July 2022 - Present

- Completed a Python Bootcamp through Udemy, recapturing my skills after my time at UC Berkeley.
- Worked on mathematical modeling in MATLAB, and began learning about an additional programming language, Julia.
- Certified in Amazon Web Services, specifically in cloud development, gaining an understanding of Full Stack development and serverless cloud deployments.
- Worked in web development, expanding upon my skills in application development, GitHub usage, database management, and CI/CD implementation.

#### Prunuske Chatham Inc | Restoration Technician/Crew Leader | Sebastopol, CA

Dec 2021 - Present

Rick Kaye: (707)527-2994

#### Petaluma Pumpkin Patch | Teller and Security Worker | Petaluma, CA

Feb 2017 - Oct 2022

James Groverman: (707)481-7663 | Seasonal

#### Rusty Mila Construction | Assistant Carpenter | Santa Rosa, CA

Nov 2018 - Dec 2021

Rusty Mila: (707)326-0573

#### Marin/Sonoma Mosquito & Vector Control District | Field Assistant | Cotati, CA

March 2018 - Oct 2018

Jason Sequeira: (707)285-2200

#### Pacific States Marine Fisheries Commission | Fisheries Technician I | Santa Rosa, CA

March 2017 - Dec 2017

Barry Miller: (707)576-2860

#### Groverman Shropshires | Ranch Manager/Assistant | Petaluma, CA

Aug 2011 - June

2014

Fred Groverman: Deceased

#### Mathematics Lab, Santa Rosa Junior College | Mathematics Tutor

Aug 2013 – May 2014

Debra Miller: (707)524-1657

### EDUCATION

#### Bachelor of Arts: Marine Science

Dec 2016

- *University of California, Berkeley*

#### Associate in Arts: Mathematics (Highest Honors)

May 2014

- *Santa Rosa Junior College*