

Kerri-Leigh Grady

Virginia Beach, VA 

760.532.9391 

klgrady@gmail.com 

linkedin.com/in/kerri-leighgrady 

github.com/therealslimgrady 

Skills

- Python, Perl, C/C++/C#, Verilog, PHP, JavaScript, Flutter/Dart
- numpy, pandas, scikit-learn, TensorFlow, matplotlib
- Flask
- AWS SageMaker, Lambda, EC2, S3
- MySQL, MariaDB, MongoDB
- Agile, SCRUM, Kanban, CMM

Experience

MARCH 2021 – PRESENT

Wrangler of Crazy Ideas / Vindicta

Identified 7 potential mobile and web apps to investigate for development. Participated in development of 2 **Flutter**/Dart apps.

MAY 2020 – PRESENT

Subject Matter Expert / Freedom Learning Group

Evaluated over 250 **C++** test bank questions for conversion to similar **C** test bank. Converted/wrote over 300 questions for C and Android Mobile Development courses. Performed QA on over 300 test bank questions. Scripted, performed, and produced project-based courses for Coursera on **Bash** shell scripting, **Git**/Github, **SCRUM**, and 3 game development with **Python PyGame** topics. Wrote 240 test questions for LinkedIn Learning courses on Git, version control, and **CSS**.

AUGUST 2019 – MARCH 2020

Backend Developer / BurntBase.com

Built and maintained backend of website with **PHP** on **AWS EC2** with **S3** data. Created object detection tool to identify map layouts using **AWS SageMaker** and **Lambda**.

JUNE 2018 – AUGUST 2019

Associate Web Developer / Trader Interactive, Norfolk, VA

Built and maintained code for suite of 9 company websites and APIs using **PHP**, **MariaDB**, **MongoDB**, **JavaScript**, **cron**, and **Redis**.

SEPTEMBER 2017 – PRESENT

Board Chair / MilSpouse Coders

Organize and lead board business. Create and present instruction, as well as participate in pair programming, for beginning and intermediate skill building with **Python**, **Bash**, **Java**, and **C++**. Organized two hackathons with nearly 300% growth in participation, and garnering support from Microsoft for the second hackathon. Organizing first annual MSC-Con to present fifteen hours of programming for military spouses new to coding, seeking jobs in technology, and considering technological entrepreneurship.

MAY 2011 – MAY 2014

Editorial Director / Entangled Publishing

Scheduled and tracked product releases from acquisition through release, coordinating with management, publicity, literary agents, and authors for up to 10 releases per month. Oversaw development and releases of over 100 products developed by a team of up to 15 editors. Estimated sales and strategized releases and marketing (cover art). Led training and online classes for over 50 learners.

SEPTEMBER 2002 – APRIL 2004 (SECRET CLEARANCE)

Software Developer / SAIC, Manama, Bahrain

Designed **web-based application suite** at zero cost for trouble ticket tracking, documentation, purchasing, budget and inventory tracking, meeting scheduling, server logs, surveys, and information assurance. Created **Windows app** that eradicated hundreds of thousands of duplicate messages across the US Navy fleet, use of which spread due to popularity rather than mandate.

FEBRUARY 2000 – MAY 2002

Verification/Software Engineer / Conexant, Boulder, CO

Performed cable modem SoC verification on simulation and silicon processors for 2 chips with **C/C++** and Verilog. Developed and administered training related to development process. Directed team of 3 to design and maintain internal website. Designed intranet website and web-based applications to track cable modem testing. Created process documentation for team and implemented process planning.

SEPTEMBER 1998 – JANUARY 2000

Associate Software Engineer / BAE Systems, San Diego, CA

Performed configuration management. Created process documentation and user manuals for end customer during internship.

Education & Certification

DECEMBER 1999

BS Computer Science / San Diego State University

JANUARY 2011

MFA Writing Popular Fiction / Seton Hill University

Certified SCRUM Master

Projects

- Move Binder: Flutter/Dart app to manage household moves. Based on VetHacks DC 2018 winner.
- Self-Driving Car Model: Reinforcement machine learning to train a self-driving car.
- BurntBase.com Asset ID: AWS SageMaker object detection tool to auto-identify assets in user image.
- Helpdesk Video WordPress Plugin: Plugin to send training videos to client sites in admin section.