
EMILY HARRIS

I'm a career changer who left a career in accounting to pursue programming as a passion. Since going through bootcamp at The Iron Yard, I have worked in automations, full stack, and most recently backend development. I specialize in Python & Django, but am open to learning new technologies. I enjoy the problem-solving aspect of coding and the creative process of seeing something grow from idea to a fully-developed application.

EXPERIENCE

BACKEND ENGINEER, PELOTON INTERACTIVE; REMOTE – 2020 (VIA ACQUISITION) - PRESENT

- * Helped build and launch a new corporate wellness product from nothing
- * Created and maintain our API using GraphQL and REST
- * Helped build our ETL process in Python and Django, as well as utilizing pandas
- * Built and implement email handling functionality with various ESPs
- * Built a new micro service for handling unified reporting of data maintained across various other services; built a Looker integration for populating key data insights for stakeholders as part of this project.

BACKEND ENGINEER, PEERFIT INC; REMOTE – 2019 - 2020

- * Created and maintained existing APIs as a backend engineer using Python and Django.
- * Worked closely with team to contribute software engineering expertise in the software development lifecycle, from requirements definition through successful deployment.

SOFTWARE ENGINEER, ALLSTATE INSURANCE; CHARLOTTE, NC – 2018 - 2019

- * Created and maintained software applications using Agile XP methodologies including paired programming and test-driven development
- * Worked with a full stack of technologies including Go, NodeJS and React/Redux
- * Assisted in scripting continuous integration/continuous deployment pipelines

SOFTWARE ENGINEER, CISCO SYSTEMS WITH EASI; DURHAM, NC – 2017-2018

- * Wrote Python scripts to automate testing of various testbed topologies including routers and servers
- * Assisted in API writing to make tests device agnostic

DATA INTEGRATION ENGINEER, CHARTSPAN MEDICAL TECH.; GREENVILLE, SC – 2016-2017

- * Used Python to automate thick client integrations for healthcare records

ACCOUNTANT, GREENVILLE TECHNICAL COLLEGE; GREENVILLE, SC – 2003-2016

- * Prepared financial reports including fixed asset and sales and use tax
- * Analyzed data on restricted accounts and prepared grant reports and billings
- * Manage outgoing payments for the college including invoice payments and student refunds.

EDUCATION

- * The Iron Yard, Greenville, SC – Backend Engineering, 2016
- * University of South Carolina, Columbia, SC – Higher Education Leadership, 2008
- * Furman University, Greenville, SC – Communication Studies, 2003

SKILLS

Python, Django, GraphQL, REST APIs, Pandas, SQL databases, AWS, Google Cloud Platform, Kubernetes, version control

PORTFOLIO & SOCIAL MEDIA

- * Website & Portfolio: www.emilyharris.io
- * Github: @emilycharris
- * LinkedIn: @emilycharris