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# EMILY HARRIS

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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 reporting of data across various other services
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- \* 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.
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- \* 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
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- \* 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
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- \* 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](http://www.emilyharris.io)
- \* Github: @emilycharris
- \* LinkedIn: @emilycharris