# IONE AXELROD

Software Developer ~ Educator

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## SUMMARY

Collaborative backend software engineer specializing in working with Python, Golang, and AWS with experience in personal cybersecurity, electoral politics, and teaching.

Looking for a role to learn more about containerization, scalability, and site reliability.

## SKILLS

**Languages:** Golang, SQL, Python, JavaScript, HTML.

**Technologies and Tools:** Git, Docker, Postman, Gin, Flask, HTML/CSS, Bootstrap, command line

**GCP:** BigQuery, Firebase, App Engine

**AWS:** Lambda, API Gateway, Cognito, S3, Cloudwatch, Athena

## EXPERIENCE

**05/2022 - 11/2023  Educator**                                   Hackbright Academy

- Lectured to a live audience on a variety of technical topics, including but not limited to Python, HTML/CSS, the command line, Git, web frameworks, and RESTful practices
- Led sponsored "Mini Bootcamp" introducing how to use Golang with Gin
- Managed over a hundred students over multiple cohorts with daily SCRUM, weekly 1 on 1s, and scheduled lab time to produce a unique, time sensitive project to present
- Debugged student issues in real time on dozens of unique Flask web applications using a variety of technologies, including but not limited to Google Maps, Socket.io, various APIs, Bootstrap, Material Design Lite, Mapbox, AWS, GCS, etc
- Collaborated on modifying curriculum to better suit student needs and ensure pupil success

**5/2021 – 10/2021  Software Engineer**                                   Civitech

- Continuously updated and maintained 50 unique statewide normalizer parsers for Secretary of State voter data
- Refactored and optimized Golang code for better human readability and performance
- Utilized Docker for standardized production environments
- Load tested Verify API with Vegeta to ensure scalability for customers
- Prepared Verify endpoints and documentation for production
- Transferred Source parquet files from AWS S3 buckets to GCP Cloud Storage Database

**06/2020 - 11/2020  Political Technology Specialist**                                   Digidems

- Audited each campaign staffer to ensure compliance with cybersecurity standards for national campaigns
- Advised campaign on digital security best practices and norms
- Responded promptly to potential phishing email alerts directed to campaign
- Educated team on password managers, 2FA, phishing techniques, adblockers, and more
- Developed administrative tool in Python to mass DM followers on Twitter
- Troubleshooted miscellaneous technical problems on the campaign

**11/2018 - 09/2019  Software Engineer**                                   Monster Worldwide

- Built RESTful mobile endpoints in Golang using Gin framework Git, Postman
- Refactored authentication code to handle Google and Facebook OAuth login
- Crafted cronjob to delete user data in accordance with GDPR standards
- Deployed admin portal serverless web service with AWS Lambda

## EDUCATION

**9/2018  Certificate of Completion**                                   Hackbright Academy
Software Engineering Program

**12/2017  Associate of Science**                                   Las Positas College
Computer Programming

## AWARDS

**2018  SmartCar Hackathon**                                   1st Place