DAVID PEREZ

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WORK EXPERIENCE

GoGuardian - Remote
Full Stack Software Development Engineer II *06/2022 - 03/2023*

- Designed and developed software components to support back-up and de-identification of student and teacher personally identifiable information (PII).
- Implemented features for an educational application used in classrooms by over 90,000 weekly users.
- Spearheaded the design, prototype, and implementation of a JavaScript based Google Pub/Sub messaging service to handle data de-identification requests.
- Documented and established processes for engineers to deploy infrastructure changes in conjunction with Site Reliability Engineers. Wrote terraform configurations to deploy service infrastructure.
- Led cross team collaboration to establish standardized testing and Quality Assurance handoffs.

Highspot - Seattle, WA
Software Development Engineer II *07/2021 - 01/2022*

- Introduced a new user role in the Highspot Training and Coaching product. Scoped, implemented, and tested product features in Ruby within a Padrino web application.
- Reviewed and curated online courses to augment product team onboarding materials.

Comcast Technology Solutions - Seattle, WA
Engineer II, Software Development and Engineering *09/2018 - 06/2021*

- Worked closely with Solution Architects and clients to design and implement custom streaming solutions enabling video streaming across millions of devices.
- Led engineering efforts to create Groovy scripts that enable Rede Telecine's OTT services for over 400,000 monthly users. Directly interfaced with international clients and engineers.
- Implemented a service that interfaced with Gracenote to create, validate, and manage TV/movie metadata utilizing Python in a presales engineering capacity.
- Doubled engineering team headcount through leading an internal hiring committee. Led efforts that restructured the interview and hiring process for prospective new hires.

Amazon - Seattle, WA
Software Development Engineer I *08/2017 - 03/2018*

- Released a customer-facing widget displaying over 170,000 Amazon deals-related impressions daily.
- Refactored an internal Java service and augmented JUnit test suite to simplify future search page widget creation and deployments.

MaxPoint Interactive - Austin, TX
Software Engineer Intern *05/2015 - 08/2015; 05/2016 - 08/2016*

- Converted production Python ImPyla ETL and data analytics jobs to Apache Spark using the Scala and Python APIs.
- Designed and developed a Python script that scrapes and logs node usage metrics for the company Impala cluster utilized to transfer over 1.5 TB of RAM and 450 cores to another cluster.

TECHNICAL SKILLS

Programming Languages	Python, Java, Groovy, C++, Ruby, Javascript
Tools	Docker, Kubernetes, Terraform, Git, Jira, Splunk, MongoDB, Node.js

EDUCATION

Florida State University - Tallahassee, FL
Master of Science, Computer Science *08/2017*
Bachelor of Science, Computer Science *08/2015*