Daniel Lopez

Software Engineer

A Full Stack Dev using critical thinking skills to tell a better story through machines

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WORK EXPERIENCE

Software Engineer 2
Intuit - Turbo Tax

08/2018 – Present   *San Diego, CA, USA*

- Enhanced functionality for in-house intelli-sense tool for tax devs.
- Helped micro-service and web plugin generation automation to bake in CI/CD and open contribution guidelines.

Contact: Kate Hawrylo – kate_hawrylo@intuit.com

Software Engineering and DevOps Intern
Intuit

05/2017 – 08/2017   *San Diego, CA, USA*

- Aided in developing Dev Productivity Tools including customized Githooks and artifact deployment.
- Used Node.js, React+Redux, Java with Spring.
- Worked in an Agile Scrum Environment with periodic mob programming.

Contact: Jason Polk – jason_polk@intuit.com

Software Engineering Intern
Intuit

06/2016 – 08/2016   *Reno, NV. USA*

- Monitored REST endpoint and batch job performance metrics with New Relic APM.
- Gained practical experience with Groovy on Grails and Hibernate Database Queries.

Contact: Madhu Midha – madhu_midha@intuit.com

Cyber Security Intern
University of Nevada, Reno

03/2016 – 05/2016   *Reno, NV, USA*

- Maintenance of ELK stack monitoring services for data analytics.
- Compiled and efficiently maintained IP blacklist with MongoDB.
- Gained practical experience with production Debian servers.

EDUCATION

Masters of Science in Computer Science
University of Nevada, Reno

08/2017 – 08/2018   *Reno, NV, USA*

- "Evolving GPU Accelerated Capsule Networks"

Bachelors of Science in Computer Science
University of Nevada, Reno

08/2013 – 05/2017   *Reno, NV, USA*

SKILLS

Java   C++   Docker   Python   Jenkins   AWS
Groovy   OpenGL   Blender   ELK Stack   CUDA
MPI

PUBLICATIONS

Avaler's Adventure (2017)
Catherine R. Pollock, Daniel A. Lopez, et al. (2017) "Avaler's Adventure: an Open Source Game for Dysphagia Therapy", Proceedings of the ISCA 26th International Conference on Software Engineering and Data Engineering (SEDE 2017)

Capsule Network Optimization (2018-2019)
Lopez, D. A., Wu, R., Barford, L., & Harris, F. C. (2019). A Memory Layout for Dynamically Routed Capsule Layers. In 16th International Conference on Information Technology-New Generations (ITNG 2019) (pp. 317-324). Springer, Cham.

LANGUAGES AND EXPERIENCE

English	●●●●●
Spanish	●●●●○
French	●●○○○
C++	●●●●○
Java	●●●●●
Python	●●●●○
Golang	●○○○○

INTERESTS

Musical Composition   Violinist
Video and Film Production   3D Modeling