

LANDON NEWBERRY

Software Engineer

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WORK EXPERIENCE

Cornerstone OnDemand

Apr 2020 – Present

People Experience Platform:

- Architected and developed our CDN for serving static assets. Created the standard used by all developers to implement environment orchestration, asset registration/versioning, and routing for micro-frontends (**Cloudfront, SNS, SQS, Lambda, ECS, Jenkins, React JS**).
- Created foundational UIs, microservices, and AWS resources for our new flagship people development platform.

Recruiting Product:

- Implemented APIs to allow 3rd party vendors to provide on-demand video interview assignment in our recruiting product.

AT&T

Jan 2019 – Mar 2020

- Developed software for finance team to manage vendor contracts and accruals.
- Secured funding and organized a two-week hackathon across 7 states.

Mercedes-Benz U.S. International

Aug 2018 – Dec 2018

Wrote software that uses **OpenCV** and cameras to track the order in which tasks are performed on the assembly line.

84.51 °

May 2018 – Aug 2018

- Created a predictive chatbot to schedule clinic appointments using with text data scraped from medical forums.
- Developed a “rest-of-market” spend prediction for 44 million Kroger households.

AT&T

May 2017 – Aug 2017

Optimized the business by relocating thousands of DirecTV wire technicians to new work centers based on multiple analyses. Developed software to automate the process of ordering equipment for managers.

Gyrasoft LLC.

May 2016 – Aug 2016

Developed a **PHP** application that provides HIPAA compliance training.

The University of Alabama

Oct 2015 – Apr 2016

Undergraduate research assistant. **Shell scripting** and process automation for nanotechnology research.

PUBLICATIONS

- **Applying Computer Vision to Track Tool Movement in an Automotive Assembly Plant.**
2019 ACM Southeast Conference – ACM SE '19 (2019): 214-17. Print.

CERTIFICATIONS

- **Amazon Web Services Developer - Associate** Issued Jan 2021 – Expires Jan 2024
- **Amazon Web Services Cloud Practitioner** Issued Oct 2019 – Expires Oct 2022

EDUCATION

The University of Alabama

Tuscaloosa, AL

B.S. Computer Science; GPA: 3.55/4.00

Aug 2015 – Dec 2018

ORGANIZATIONS

The University of Alabama EcoCAR

Aug 2017 – May 2018

Advanced Driver Assistance Systems Team Lead

HONORS / AWARDS

- University of Alabama **Presidential Scholar**