LANDON NEWBERRY

Software Engineer
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WORK EXPERIENCE

Cornerstone OnDemand   Apr 2020 – Present
New Platform:
- Architected and developed our CDN for serving static assets. Includes a standardized UI template which all developers adopted, environment orchestration, asset registration and versioning, and route-to-asset map (**Cloudfront, SNS, SQS, Lambda, ECS, Jenkins, React JS**).
- Helped to lead the migration from our legacy system to a new development platform to merge our joined companies' technology (Saba Cloud and Cornerstone merged in April 2020).

Recruiting Product:
- Enabled on-demand video interview assignment through our product using 3rd party vendors (i.e. HireRight).

AT&T   Jan 2019 – Mar 2020
- Developed software for finance team to manage vendor contracts and accruals.
- Took initiative to secure funding and oversaw execution of a two-week hackathon across 7 states.

Mercedes-Benz U.S. International   Aug 2018 – Dec 2018
Wrote software that utilizes **OpenCV** to track the order in which tasks are performed on the assembly line.

84.51 °   May 2018 – Aug 2018
- Created a chatbot that schedules clinic appointments using **NLP** with data scraped from medical forums.
- Used 3rd party data to develop a prediction of "rest-of-market" spend 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**
- University of Alabama **Emerging Scholars Program**