LANDON NEWBERRY

Software Engineer
Los Angeles, CA | +1.213.880.7106
landonnewberry@gmail.com | landonnewberry.com

WORK EXPERIENCE

AT&T   Jan 2019 – Present
Full stack development in an Agile environment.
- Developed microservices to manage DirecTV business rules for Products, Offers and Promotions (**Spring Boot**, **MongoDB**, and **React.js** for demos). Hands-on working experience with a **CI/CD** pipeline (**Jenkins**, **Kubernetes**, and **SonarQube**).
- Developed software for finance team which enables booking accruals and management of invoices for all of AT&T (**AngularJS, Spring Boot, SQL**).
- Took initiative to secure funding and oversee 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 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

PERSONAL PROJECTS

- **Chat-With-Pals**: Fully functioning real-time messaging web application. Capable of user registration, real-time messaging with **web sockets**, and group messaging.
- **C-Database**: NoSQL database written in **C** capable of data aggregation, filtering, removal, and manipulation.

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**