

EDUCATION

- **The University of Alabama** Tuscaloosa, AL
Bachelors of Science in Computer Science; GPA: 3.55/4.00 Aug 2015 - Dec 2018

EXPERIENCE

- **AT&T** Los Angeles, CA
Software Engineer Jan 2019 - Present
 - **POPSS**: Developer for POPSS team (Products, Offers, Promotions Services Suite): used **Spring Boot** and **MongoDB** to develop **microservices** to handle DirecTV's business rules and **ReactJS** to develop dashboards for demonstrations for business leaders.
 - **BOLT**: Working as a developer (**AngularJS**, **Spring Boot**, **SQL**) for the BOLT team: BOLT is AT&T's time tracking software (our team handles invoices and accruals for contracting firms).
 - **Leader**: Took initiative to organize and secure funding for a two week long company hackathon across 7 states.
- **Mercedes-Benz U.S. International** Vance, AL
Senior Design Project Aug 2018 - Dec 2018
 - **Tool Tracking with Computer Vision**: Developing software using **OpenCV** that uses security camera footage to track the order in which tasks are performed.
- **84.51° (Kroger)** Chicago, IL
Data Analyst (Process Automation) Intern May 2018 - Aug 2018
 - **Chatbot**: Developed a chatbot for scheduling clinic appointments using **NLP** with scraped medical forum data.
 - **Share-of-Wallet**: Used 3rd party data to develop a prediction of "rest-of-market" spend for 44 million households.
- **AT&T** Atlanta, GA
Engineering & Operations Intern May 2017 - Aug 2017
 - **Process Automation/Data Analysis**: Developed software to automate the ordering of equipment for AT&T Wire Technicians. Optimized business by relocating thousands of DirecTV wire technicians to new work centers.
- **Gyrasoft LLC.** Perry, GA
Web Developer Intern May 2016 - Aug 2016
 - **HIPAA Application**: Developed a **PHP** application that provided HIPAA compliance training.
- **The University of Alabama** Tuscaloosa, AL
Undergraduate Research Assistant Oct 2015 - Apr 2016

PUBLICATIONS

- Emily Turner, **Landon Newberry**, Sheridan Santinga, et. al.
Applying Computer Vision to Track Tool Movement in an Automotive Assembly Plant.
2019 ACM Southeast Conference - ACM SE '19 (2019): 214-17. Print.

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** Tuscaloosa, AL
Advanced Driver Assistance Systems Team Lead August 2017 - May 2018

HONORS, AWARDS

U. of Alabama Presidential Scholar

U. of Alabama Emerging Scholars Program