

# LU HAO

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## EDUCATION

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**The George Washington University: 2020 – Full Stack Web Developer Bootcamp**

**University of Maryland: 2018 – Master of Science, Marketing Analytics (STEM Certified)**

- **Relevant Coursework:** Data Science / Customer Analysis / Market-Based Management / Statistical Programming / Advanced Marketing Analytics / Web Analytics / Marketing Research and Analysis / Marketing Forecasting / Innovation Analytics
- **Relevant Projects:** HUGES, Action Learning Project (Data Analysis, Testing, & Modeling; Strategy Recommendations)

**Wuhan University: 2017 – Bachelor of Arts, English Literature (GPA: 3.7, Scholarship for Social Activities Enthusiasts)**

## TECHNICAL SKILLS

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- Languages: JavaScript/jQuery, SAS, SQL, Python (Pandas, NumPy), R
- Databases: MySQL, MongoDB
- API Interaction: API, JSON, AJAX
- Server Side Development: Express.js, Node.js
- Data Visualization: Tableau, R, Python (Matplotlib)
- Version Control: Git, GitHub
- Framework: CSS Bootstrap
- Deployment Tools: Heroku
- Web Technologies: HTML, CSS

## PROFESSIONAL EXPERIENCE

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**CARE SYSTEMS INC. | GAITHERSBURG, MD | 2018 -PRESENT**

### Business Analyst

- Used best practices in managing HIMSS (Definitive Health) database, segmenting potential healthcare industry market and uncovering key customers to target.
- Created a dashboard and designed clear, actionable data reports, as well as originating a questionnaire, survey, and assessment; headed marketing email campaign and maintained coordination amongst a cross-functional team of 12.
- Demonstrated expertise with various software across website audit, and trained new hires on practices.
- Provided the best possible customer support for 4 major clients and earned commendations for interpersonal skills; delivered outstanding and delightful results with the Travis County Sheriff Office implementation, the single sign-on and interface project, and 3 other projects.
- Troubleshoot operational and technical problems, gaining reputation as a trusted resource with multiple technologies.
- Built out reliable avenues to communicate between clients and developers, forging productive and professional relationships.
- Noted as an essential contributor in developing project/implementation plans, cost estimate reports, and other key efforts.
- Originated heavily-researched test plans and guided internal testing before UAT surrounding 3 major implementations, including the staff scheduling software implementation to NIH clinical center.

## PROJECTS

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### PROJECT MANAGEMENT APPLICATION

**A project management application for tracking and managing developer sprints.**

- Built entire frontend and backend modules for adding projects and editing projects functions using **Node.js** and **JavaScript**.
- Set up API routes for **CRUD** functions with **Node.js** and **Express.js**.
- Created UI using **JavaScript**, **HTML**, and **CSS**; worked on the frontend framework **CSS Bootstrap**.

### FOOD N' FILM APPLICATION

**An application that recommends recipes and movies for stay-in nights.**

- Set up API AJAX call using external **API** Edamam to generate recipes.
- Created frontend UI using **jQuery**, **HTML**, and **CSS** and the framework **CSS UIKit** and **Materialize**.

### EAT A BURGER APPLICATION

**A web application that uses MySQL tracking burgers eaten.**

- Created a burger logger with **MySQL**, **Node**, **Express**, **Handlebars** and an **ORM**.
- Used **Node** and **MySQL** to query and route data, and **Handlebars** to generate HTML.