

# SIERRA NUTT

## FULL STACK DEVELOPER

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### PROFESSIONAL SUMMARY

I am a highly motivated, results-driven MERN full stack developer with a passion for UI/ UX design. I have a solid background in HTML, CSS, Node, JavaScript, jQuery, SQL, MongoDB, GraphQL and React. I have built 14+ projects on several small teams as well as independently, and am looking for a position where I can continue learning from other experienced programmers.

### CORE COMPETENCIES

- |            |              |                |
|------------|--------------|----------------|
| ✓ HTML/CSS | ✓ Node.js    | ✓ Git / Github |
| ✓ React.js | ✓ JavaScript | ✓ AWS          |
| ✓ SQL      | ✓ jQuery     | ✓ NoSQL        |
| ✓ MongoDB  | ✓ OOP        | ✓ ORM          |

### PROJECTS

#### Get Lit

UT Coding Certificate| September, 2022

- Utilized HTML/ CSS / React / APIs / JavaScript / GraphQL / MongoDB / SASS / Semantic UI / Heroku
- Created a book cataloging site for readers of all ages
- Undergoing constant improvements

#### Herble

UT Coding Bootcamp | August, 2022

- Utilized HTML/ CSS / JavaScript / Handlebars / APIs / AWS /Heroku
- Created a wordle-like game for plant lovers!

#### Nested Sampling for Exoplanet Modeling and Characterization

Knuth Information Physics Lab | December, 2016 - April, 2017

- Presented at the New York Celebration of Women in Computing
- Compare multi-nested vs vanilla nested sampling in the context of a simple photometric data set for an exoplanet transiting its host star.

### EDUCATION

#### 2022 | University of Texas at Austin

Full Stack MERN Developer Certificate

#### 2017 | University at Albany

B.S. Physics

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## PROFESSIONAL EXPERIENCE

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### **Bartender**

Piripi | August, 2022 - Present

- Oversee and maintain bar activities & mix cocktails for restaurant patrons
- Complete all closeouts, money drops for bar & daily inventory for restaurant bar
- Maintain a clean, safe work environment and responsibly serve patrons

### **Bartender**

Parmer Lane Tavern | January, 2022 - July, 2022

- Oversee and maintain bar activities & mix cocktails for bar patrons
- Complete all closeouts, money drops for bar
- Maintain a clean, safe work environment and responsibly serve patrons
- Complete inventory and order liquor and other items as needed

### **Diffusion Process Engineer**

Samsung Austin Semiconductor | June, 2019 - January, 2022

- Design and implement special testing programs as necessary to anticipate, evaluate and resolve process problems.
- Knowledge of channel SiGe, elevated source-drain, and embedded source-drain SiGe processes.
- Perform process adjustments for chamber and device qualifications.
- Handle daily documentation of tool and lot events as well as inventory monitoring for path requirements to meet CAPA and change point monitoring.
- Trend monitoring of WoW and DOG tools and dispositioning defectivity issues on all DFSiGe tools.
- Investigation and dispositioning of control and spec failures, tool, recipe, and reporting issues. Complete engineering requests and projects dependent on the team and department needs.

### **CFM Process Engineer**

GlobalFoundries | December, 2017 - May, 2019

- Hands on involvement with shift team to identify and solve tool and lot issues.
  - Advanced knowledge of Semiconductor inspection and review tools, and the ability to perform specialized engineering requests.
  - Continuous monitoring of processes to ensure maximum yield.
  - 14NM defect sourcing within all mask layers.
  - Defect Feedback System case creation to assign tool/module action.
  - Day to day review of defect information, evaluation of defect monitoring strategies and understanding of defect mechanisms.
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