Matthew Forrest

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OBJECTIVE

A dedicated and recent computer science graduate with a history of providing customers the best possible experience. I am seeking an opportunity to apply a breadth of skills in a developer position with room for learning, growth, and impact.

EDUCATION

Georgia State University
B.S. Computer Science 2020
Major GPA: 3.40

RELEVANT COURSEWORK

- Software Engineering
- Web Programming
- Data Structures
- Privacy
- Cyber Security
- Computer Networks

TECHNICAL SKILLS

(Proficient In)
- Java
- Python

- Unix and Windows

(Basic Knowledge)
- C++
- JavaScript
- HTML/CSS

- MySQL
- MongoDB
- AWS(EC2)

SOFT SKILLS

- Excels at asking appropriate questions to elicit relevant answers.
- Enthusiastic in committing to solving problems.
- Rapid adaptation through observation and application.
- Friendly and diplomatic approach to collaboration.
- Recognizes customer perspective as vital despite periodic ambiguity.

ACADEMIC PROJECTS

Phase Drifter: Full stack browser-based platform game
- Built with Phaser 3 framework and pixel art assets.
- Designed webpage to host game and view scores.
- JavaScript generated cookies with PHP middleware to update MySQL score database.
- Utilized: HTML/CSS, JS, PHP, MySQL, Apache, AWS

GSU Events: MERN stack club attendance tracker
- Developed interactive website for managing club events and tracking attendance.
- Built RESTful backend server for creating, modifying, and viewing events and participants.
- Utilized: MongoDB, Express, React, Node.js, Postman, AWS

PERSONAL PROJECTS

Home Automation: Blinds controller with web interface
- Used NodeMCU IoT platform with stepper motor to move blinds as a natural alarm.
- Implemented web app for viewing system status, adjusting alarm, and directly controlling blinds.
- Utilized: C++, Socket (IP/TCP) Prog, HTML/CSS, ESP8266 SoC, Arduino

Tiny House Solar Power: 2.1kW off-grid system
- Provided consultation for client.
- Created tool to estimate daily remaining battery level for aiding in sizing system batteries and panels.
- Studied building codes to ensure compliance.
- Sourced electronics, supplies, and construction eqpt.

WORK EXPERIENCE

Uber/Lyft | *Rideshare driver* (March 2017 – December 2020)
- Ascertained passenger needs and ride expectations through casual conversation.
- Balanced rider input, phone info, and intuition to provide seamless trips regardless of hour or destination.
- Retained 4.9+ rating on both platforms by practicing patience and professionalism across 4300 rides.

Mac's Beer and Wine | *Shift Manager* (August 2015 – November 2017)
- Deliberately assigned duties depending on store traffic to provide learning opportunities where possible.
- Independently resolved incidents as they emerged, utilizing chain of command when necessary.
- Satisfied customers with attentive queries and reading between the lines when taking event orders.

Johnson Outdoors Marine Electronics | *Design Qualification Engineering Co-op* (January 2012 – May 2014)
- Performed black box testing of production software and hardware in lab and real-world environments.
- Cleary described new and under documented bugs detailing behavior for recreation.
- Followed up on high priority issues to ensure timely releases.
- Worked with customer service team to identify isolated problems and improve testing procedures.
- Contested deploying software with system breaking bugs despite administrative pressure.