

Chiemela Umeh

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EDUCATION

University of Houston | Bachelor of Science (B.S.), Computer Science | Junior

Jan 2023 – Present

- Designed and delivered computer programs independently, while conducting testing and providing feedback to senior subject matter experts as a member of an educational software team
- Demonstrated understanding of computer science fundamentals, including data structures and algorithms, and object-oriented principles

Galvanize Inc. | Full Stack Certification – Software Engineering Bootcamp

Aug 2022 – Dec 2022

- 18-week software engineering immersive program with over 1000+ hours of Full-stack development with JavaScript, React, Express, PostgreSQL, MongoDB, MySQL, using agile methodologies.

PROJECTS

myReddit | myreddit-api.onrender.com

- Created a web application where user can perform CRUD operations. Improved SEO and reduced page load time to <350ms by implementing React server-side rendering
- Implemented graphic fundamentals, typography, iconography, and UI layouts which increased favorable user experience by 20%

Booking | chiemela-booking-application.netlify.app

- Built a clone of booking.com. Proven experience developing responsive, mobile-first and enterprise-level applications aligned with web protocols and standards

Portfolio | franklynumeh.com

- Created a website to display my projects and relevant skills

EXPERIENCE

Payday | Software Engineering Intern

Mar 2023 – Jun 2023

- Contributed to the success of frontend development team by implementing graphic fundamentals, typography, iconography, and UI layouts which increased favorable user experience by 20%
- Implemented rate limiting algorithm to prevent server overload and minimize resource over-consumption. Led to a 16% decrease in malicious requests and API vulnerabilities

J.P. Morgan Software Engineering Work Experience

- Completed hands on tasks to gain familiarity with work performed at J.P. Morgan Chase & Co.

SKILLS

Python, C++, JavaScript, Linux, ReactJS, Node.js, HTML, CSS, Git, RESTful API, Full Stack Development

ACTIVITIES

- Member, CougarCS - (Largest student-led Computer Science Organization at UH)
- Operations Team Member, Management Information Systems Student Organization (MISSO) at UH
- Member, Chess Club at the University of Houston