CONNIE DENG

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EXPERIENCE

SOFTWARE DEVELOPMENT ENGINEER

Expedia | January 2022 - Current | Seattle, WA
- Implemented an Apache Kafka producer to publish Agent events for Expedia Group Partners to subscribe to - reducing the time to resolve issues for agents by 10%
- Made front-end changes with feature toggles to ensure smooth deployment and used Jenkins for automated build/continuous integration
- Established over 98% test coverage with Jest's snapshot and unit testing for React application
- Developed features within sprints following agile methodologies

BREAK THROUGH AI FELLOW

Break Through Tech | June 2021 - January 2022 | Remote
- In a team of four, web scraped financial institution webpages using the Beautiful Soup library to congregate and simplify financial offers using NLP methodologies
- Identified critical information such as APRs, fees, minimum balances, and other essential metrics bringing transparency to credit and banking
- Filtered and cleaned web scraped data using Python libraries such as NumPy, Pandas, TensorFlow, etc.
- Visualized data for statistical analysis using Python packages like Matplotlib, Seaborn, and Altair

DIGITAL ACCESSIBILITY ENGINEER INTERN

Aetna, A CVS Health Company | June 2020 - September 2020 | Remote
- Tested, identified, and documented over 200+ accessibility-related defects in Rally, ensuring company applications are conformant to Level AA Web Content Accessibility Guidelines (WCAG)
- Led a Lunch and Learn to 30 workers, discussing the importance of accessibility for everyone
- Shadowed QA Engineers and Developers learning to code for assistive technologies such as screen readers

SOFTWARE ENGINEER INTERN

Consolidated Edison | June 2017 - June 2019 | New York, NY
- Developed an Offline Readings Application with Visual Basic and SQL in Microsoft Access that organized 1000s of data entries and automated equipment outage analysis
- Fixed over 8000 redundancies and inconsistencies in Con Edison's work managing database saving the company over 6 million dollars

SKILLS

Programming Languages: Python, JavaScript, C++, CSS/Sass, SQL, HTML
Libraries & Frameworks: React, Node.js, Express, Flask, Jest
Databases: MySQL, MongoDB, Microsoft Access
Tools & Platforms: Github, VSCode, Windows, Linux (Ubuntu), Datadog, Spinnaker, Splunk, Kafka, Confluence, Jira, Heroku, Jupyter, Tableau, InVision, Rally

PROJECTS

AITA | AMAZON RDS, FLASK, MYSQL, PYTHON, REACT
- A single-player management game where a user is responsible for taking care of a variety of plants that they can later sell for revenue. Players Monitor their plants' health as they grow in real-time, and purchase seeds and gardening supplies to create their virtual garden.

RECRUITFIND.WORK | EXPRESS, FLASK, POSTGRESQL, PYTHON, REACT
- An application geared towards recruiters to search and reach out to candidates with a certain skill set to perform a job. I built a REST API using Flask to perform CRUD operations and find the right person for the job!

EDUCATION HISTORY

BACHELOR OF ARTS IN COMPUTER SCIENCE   **GPA: 3.6**
MINOR IN MATHEMATICS AND SOCIOLOGY   **AUGUST 2018 - DECEMBER 2021**
CUNY Hunter College | New York, NY

EXTRACURRICULARS

- **First Place Winner Researcher** of Google's 2021 Tri-State ExploreCSR: Autonomous Robot Exploration
- Completed **CodePath's 2021 Cybersecurity Course** with **honors**
- **Treasurer & Marketing Manager** of **Hunter College's Association for Computing Machinery**