

CONNIE DENG

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EXPERIENCE

BREAK THROUGH AI FELLOW

Break Through Tech | June 2021 - Current | Remote

- Transform, filter, and clean real-world data using Python libraries such as NumPy, Pandas, TensorFlow, etc. to prepare for data analysis, visualization, and machine learning
- Visualize data for statistical analysis using Python packages like Matplotlib, Seaborn, and Altair
- Improve the accuracy of machine learning models using advanced evaluation, optimization algorithms, and hyperparameter tuning methods

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
- Carried out the Product Owner role by leading meetings and capturing information to prioritize work

INFORMATION TECHNOLOGY INTERN

Aetna, A CVS Health Company | January 2020 - February 2020 | Hartford, CT

- Increase the accuracy of a member stratification algorithm by integrating data from wearable devices
- Used Safe Agile to create/prototype a new dashboard displaying wearable technology data using Tableau
- Automated alerts for Care Managers to reach out to members categorized as high risk to maintain their wellbeing

SOFTWARE ENGINEER INTERN

Consolidated Edison | June 2017 - June 2019 | New York, NY

- Developed an Offline Readings Application with Visual Basic and SQL through 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++, SQL, HTML, CSS/Sass

Libraries & Frameworks: React, Node.js, Express, MongoDB, Flask

Tools & Platforms: Github, Windows, Linux (Ubuntu), 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. 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**
- Completed **Facebook's Above and Beyond Computer Science** program