HAOYUAN WU

1816 West 13th Street, Brooklyn, NY 11223 | 929 331-6701 | howardddwu@gmail.com

OBJECTIVE

Currently seeking an internship in web development. Computer science student with one year of experience in software development. Demonstrated ability to lead a team. Good problem solver, debugger, and able to perform challenging tasks.

EDUCATION

B.S., Computer Science, Grove School of Engineering, City College of New York, New York, NY: June 2023
GPA:3.51

RELEVANT COURSEWORK

Data Structures, Software Design Laboratory, Website Design, Algorithms, Database System, Computer Organization, Programing Language Paradigm, Software Engineering

QUALIFICATIONS

Programming Languages: Python, JavaScript, HTML5, CSS3; beginning C/C++, JAVA, MySQL
Operating Systems: Windows XP/7/8/10, Linux (Ubuntu)
Software Applications: Visual Studio Code, GitHub, Microsoft Word, Excel, PowerPoint
Frameworks: Node.js, React.js, Django
Key skills: problem identification, problem solving, design, testing, communication, time management
Core qualities: team player, attention to detail
Spoken Languages: Cantonese (native) and Mandarin (native)

PROJECTS

https://github.com/howardddwu
Portfolio Website: **https://howardddwu.github.io/portfolioWebsite/**

- **Fever Tourism**
  - Provided a map with filters for interesting places in NYC, a planner to export the plan in PDF format.
  - Used HTML, CSS, JS and React for interface and Node for backend server fetching APIs. (Spring 2022)
  - https://jovial-raindrop-fa762f.netlify.app/
- **Pathfinding Visualization**
  - Programmed path finding method to circumvent multiple obstacles which enabled users to set start and end point and then draw walls so that the program would then show the process of finding a path.
  - Used Python and Pygame to create a UI appearance and used A Star Algorithm for pathfinding. (Spring 2022)
- **GradSchoolZero**
  - *A student information system for students, professors, and administrators.*
  - Used Python Django, HTML, CSS, MySQL database to implement project.
  - Outcome: An offline system for users to manage courses in different periods and terms.
  - **Scored in top 5 in presentation during the course.** (Fall 2021)

EXPERIENCE

Software Engineer Intern, **Unadat**, New York, NY   July 2022 – September 2022
- Website development, fix existing bugs and add new features to meet user needs
- Set up weekly sprints and work closely with team
- Prepare documents for presentation

Shopper, **Instacart/Cornershop**, New York, NY   September 2021 - present
- Locate and retrieve specific items for customers in the assigned store by following the instructions.
- Inform customers if the items are out of stock and provide best options for replacement.
- Deliver items to customers' doors as soon as possible.

Waiter, **LeSia**, New York, NY   September 2019 – September 2021
- Welcomed and seated guests, took guests' orders, communicated them effectively to the kitchen, memorized menu and offered recommendations for appetizers, desserts or drinks.
- Ensured guests were informed of possible allergic reactions to certain foods.
- Served food cautiously and ensured that customers' needs were met.

Cashier, **Dumpling Man**, New York, NY   June 2017 – September 2019
- Restocked packaged products, bagged items, took orders, collected payments, and processed payments.
- Counted contents of cash register at end of each shift, and maintained receipts, records, and withdrawals.