Eric Zhang

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Education

New Jersey Institute of Technology Newark, NJ   *Expected May 2026*
Bachelor of Science in Computer Science

Technical Projects

Valorant Monopoly Game | C# Unity Photon   *Jun 2023 - Present*
- Led development team in creating multiplayer game using **Unity** and **C#**, merging strategic gameplay elements from Monopoly with distinctive characters and abilities from Valorant.
- Implemented networking and synchronization techniques utilizing **Photon** to deliver seamless multiplayer experience.

Notes Web App | Python Flask Javascript SQL   *Jul 2023*
- Developed a **full stack web application** using **Python** and **Flask** framework, enabling secure user authentication.
- Implemented user-friendly interface allowing users to record and manage notes, providing seamless and intuitive note-taking experience**.**

Weather Forecast Retriever | Python API   *Mar 2023*
- Built **Python** backend system that retrieves accurate weather forecast for given city from an **API**.
- Provided users with several forecast options, including 5-day, monthly, and daily forecasts, as well as alerts.

Amazon Webscraper | Python BeautifulSoup Selenium   *Jul 2023*
- Provided users with personalized data retrieval by developing a **Python**-based application using BeautifulSoup and Selenium, enabling users to select any item on Amazon and obtain a comprehensive list of product names and prices.

Certifications

AT&T   *Jul 2023*
AT&T 2023 Technology Academy Graduate
- Acquired skills in presenting data, big data, communication, leadership, and problem-solving.
- Completed entry-level training in technology specific fundamentals including network troubleshooting, 5G tech strategy, and cloud computing.

HackerRank   *Jul 2023*
Python (Basic) Certificate
- Demonstrated proficiency in fundamental **Python** programming concepts and competence in solving coding challenges, validating expertise in algorithmic thinking and coding language usage.

Work Experience

Caldwell Public Library   *Aug 2021 – Present*
Library Page
- Helped **40+** patrons a day by assisting with locating books, answering inquiries, and providing information about library resources.

Spring Garden Chinese Restaurant   *Aug 2022 – Present*
Part-Time Delivery Driver
- Managed multiple deliveries simultaneously, prioritizing orders based on distance and delivery times, while providing exceptional customer service and resolving customer concerns promptly and professionally.

Skills

Languages: English, Mandarin (Basic Conversational), Spanish (Basic Conversational)
Programming Languages: Python**,** Java, C**,** C++, C#, Golang, HTML/CSS, JavaScript, Scheme, SQL
Technical: Adobe Photoshop/Illustrator, Agile, Canva, Excel, Git, Google Applications, Microsoft Office

Personal Affiliations

Robotics Club, IEEE, President of Chess Club, Founder of Gaming Club