

## EDUCATION

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University of Washington	Seattle, WA
MS, Information Management	2021-2023
Award: Information School Scholarship	
Courses: Data Science, Machine learning, Database Management Systems, Social Media Analysis	
Soochow University	Taipei, Taiwan
BBA, Computer Science and Information Management	2016-2020
Courses: Data Structure, Algorithm, Object-Oriented Programming, Operating System, Software Engineering	

## EXPERIENCE

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Washington Technology Solutions (WaTech)	Seattle, WA
Software Engineer	Dec 2022 – May 2023
<ul style="list-style-type: none"><li>Automated data retrieval from Socrata API using Python, ensuring timely updates to portal datasets, reducing manual effort, and saving 25 work hours per week.</li><li>Developed end-to-end data pipelines with Azure Blob Storage, increasing dataset update efficiency by 60% and reducing manual intervention in portal management processes.</li></ul>	
Jetson, Ventured-backed Start-up	Kirkland, WA
Software Engineer Intern	Jun 2022 – Aug 2022
<ul style="list-style-type: none"><li>Enhanced product features using ReactJS, improving functionality for Android and iOS platforms. Resolved 10+ bugs weekly to ensure smooth performance</li><li>Achieved a 10% monthly increase in website traffic by integrating a Snapchat API sharing feature, enhancing user engagement and enabling seamless content sharing.</li><li>Conducted a comprehensive analysis of production bottlenecks to optimize the efficiency of the Jetson mobile app. Integrated a CRM system API using Python and proposed improvements that resulted in a 15% increase in sign-up rate.</li></ul>	
Fubon Life Insurance Co.	Taipei, Taiwan
Software Developer Intern, IT Operation Management Department	July 2018 – Aug 2018
<ul style="list-style-type: none"><li>Developed a Python-based automation tool to report daily system alerts to JIRA, saving 40 hours per week for 20 team members.</li><li>Collaborated with a team of developers, security engineers, and project managers in a cross-functional environment, effectively managing project timelines and resources to successfully complete the project 2 weeks ahead of schedule within an 8-week timeframe.</li></ul>	

## PROJECT

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Podcast Summarizer.AI - <a href="#">Website</a>	September 2024
<ul style="list-style-type: none"><li>Developed a full-stack Podcast Summarizer using React, Express, and Python. Automated podcast transcription and summarization with OpenAI Whisper and GPT-3.5, reducing manual effort and streamlining content creation.</li><li>Integrated OpenAI Whisper for audio transcription and GPT-3.5 to generate concise TL;DR and summaries, enhancing user accessibility and engagement with podcast content.</li><li>Automated podcast retrieval and processing using RSS feeds and serverless functions on Modal, optimizing workflow efficiency by handling audio transcription, summary generation, and MongoDB storage seamlessly.</li></ul>	
Sorting Visualizer - <a href="#">Website</a>	May 2024
<ul style="list-style-type: none"><li>Developed an interactive web application using React JS and Node JS to visualize sorting algorithms such as Merge Sort, Quick Sort, and Heap Sort.</li><li>Integrated sorting algorithms with animations for step-by-step visualization, enhancing user understanding and engagement.</li></ul>	

## SKILLS

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Programming | Python, Java, TypeScript, JavaScript  
Web & Database | React.js, HTML5, CSS, SQL, MongoDB  
DevOps & Framework | Node.js, REST API, Docker, AWS, Git, JIRA