

# Yujia Wang

Washington Metropolitan Area    (+1)202-365-9392    ywang521@umd.edu    <https://github.com/vivianw969>

## EDUCATION

<b>University of Maryland, College Park</b>	M.S. in Information Science (GPA 3.9/4.0)	2023.08-2025.05
• Relevant Coursework: Programming for the Information Professional; Database Design; HCI		
<b>Fudan University</b> , Shanghai, China	M.A. in Computational Linguistics	2018.09-2021.06
• Relevant Coursework: Data Structure and Algorithms; Introduction to Natural Language Processing		
<b>Zhejiang University</b> , Hangzhou, China	B.A. in Linguistics (GPA 3.9/4.0 ranks 3rd)	2014.09-2018.06
• Relevant Coursework: Fundamentals of Computer Science; Java Programming; Advanced Mathematics		

## TECHNICAL SKILLS

- **Language and Framework:** Java | Python | Spring Boot | JavaScript | HTML | CSS | Vue | React | Node.js
- **Database Management:** SQL | MySQL | Microsoft SQL Server | MongoDB | Redis | FireBase | Pinecone
- **Tools:** VSCode | Eclipse | GitHub | AWS | Azure | Docker | Figma | Jira | Linux | Tableau | Sublime | Office Suite

## PROFESSIONAL EXPERIENCE

<b>VoiceOut Ltd.</b>	<i>Software Engineer Intern</i>	2024.05-2024.08
<ul style="list-style-type: none"><li>• Designed and engineered an iOS application for mental health using <b>Swift</b> and <b>Express.js</b> in an <b>Agile</b> environment, employing <b>OOD&amp;OOP</b> concepts for feature development</li><li>• Managed data storage solutions by storing over 100 records in <b>MongoDB</b> and implementing <b>Redis</b> for optimized cache storage, significantly improving application performance and user experience</li><li>• Collaborated in UI/UX design processes, contributing to the creation of 20+ high-fidelity prototypes using <b>Figma</b></li><li>• Engaged in unit testing and feedback sessions to refine and enhance the user interface and experience</li></ul>		
<b>FYTech Co., Ltd</b>	<i>Software Engineer Intern</i>	2023.10-2024.01
<ul style="list-style-type: none"><li>• Designed and engineered a web application for event management using <b>Spring Boot</b> and <b>Vue</b></li><li>• Designed a <b>MySQL</b> database to manage 50+ events and 300+ volunteers, using <b>Redis</b> as a <b>messaging queue</b> for asynchronous data processing and <b>SQL</b> for efficient queries</li><li>• Implemented <b>RESTful APIs</b> and <b>MyBatis</b> for seamless data exchange between front-end and back-end systems to deliver dynamic functionalities such as filter, search and rate &amp; review capabilities</li><li>• Conducted integration testing, debugging and optimization in collaboration with senior developers, utilizing <b>Git</b> for version control, <b>Maven</b> for building the modules, <b>Jenkins</b> for CI/CD pipelines</li><li>• Utilized <b>AWS</b> services for deploying and managing applications, gaining practical knowledge in cloud computing</li></ul>		
<b>Abbott Ltd.</b>	<i>Data Analyst</i>	2019.10-2020.03
<ul style="list-style-type: none"><li>• Participated in the front-end development of social media campaigns using <b>HTML</b>, <b>CSS</b> and <b>JavaScript</b></li><li>• Managed Order Database and performed data analysis using <b>SQL</b>, <b>Python</b>, and <b>Power BI</b> for two quarters</li><li>• Developed and deployed <b>machine learning models</b> using <b>Python</b> and <b>Azure ML</b> to predict campaign performance metrics and to optimize customer targeting</li></ul>		
<b>Bosch Investment Ltd.</b>	<i>Front-End Developer Intern</i>	2019.06-2019.10
<ul style="list-style-type: none"><li>• Assisted in the design of dynamic and browser-compatible pages for branding campaigns such as the <i>Annual Sustainability Report</i> using <b>HTML5</b>, <b>CSS3</b>, <b>jQuery</b>, and <b>JavaScript</b></li><li>• Collaborated with managers, UI/UX designers and other developers to enhance functionality and user experience</li></ul>		

## PROJECTS

<b>HeadStarter AI Software Engineer Fellowship</b>
<ul style="list-style-type: none"><li>• Completed 6 <b>full-stack</b> projects including Pantry Tracker, AI Customer Support, AI Flashcards &amp; Stripe, AI Rate My Professor, etc. using <b>React</b>, <b>Next.js</b> and <b>TypeScript</b> for frontend, <b>Node.js</b> and <b>Python</b> for backend, <b>Firebase</b> and <b>Pinecone</b> for database management</li><li>• Utilized a vector database <b>Pinecone</b> for efficient information retrieval and <b>OpenAI</b>'s language model for generating human-like responses</li><li>• Implemented user authentication with <b>Clerk</b> and integrated <b>Stripe</b> for payment processing</li><li>• Utilized <b>Git</b> for coding collaboration and <b>Vercel</b> for deployment and CI/CD pipelines</li></ul>