

# ALEXANDRA WONYU

## Software Engineer | Full-Stack, SharePoint, Power Platform

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### EDUCATION

Efrei Paris	Paris, France	September 2025
Master's Degree in Software Engineering		
Wartburg College	Waverly, IA	May 2023
Major: Computer Science, B.A. (cumulative GPA: 3.9/4.0)		Minor: Psychology
Honors: Outstanding Senior in Computer Science, Phi Eta Sigma, National Society of Leadership and Success		
United World College	Changshu, China	May 2018
International Baccalaureate		

Languages spoken: English, French (native), Japanese (JLPT N2), Korean (TOPIK II Level 5), Chinese (HSK 4), Spanish

### PROFESSIONAL EXPERIENCE

SharePoint & Power Platform Developer-Analyst   VINCI Construction SI   Paris, France	April – Sep. 2025
<ul style="list-style-type: none"><li>Designed and implemented SPFx applications to streamline deployment tracking and approvals (100+ stakeholders), reducing data entry time by 80% and automating notifications, recap emails, role-based access, and data exports</li><li>Built reusable low-code components (e.g. configurable dynamic form powered by SharePoint lists) and collaborated with non-technical stakeholders to gather requirements and deliver solutions in Agile sprints</li><li><b>Technologies:</b> React, TypeScript, SharePoint, SPFx, Power Automate, Microsoft Graph, Azure DevOps, PowerShell, PrimeReact</li></ul>	
Software Engineering Intern   Hexaly   Paris, France	November 2023 – April 2024
<ul style="list-style-type: none"><li>Improved the company's low-code SaaS application, fixing various bugs, and adding features such as undo/redo, an infinite and flexible grid for the dashboards, and a drawing widget</li><li>Worked in 2-week Agile sprints with TotalEnergies to develop a custom web application for them, improving the user interface, fixing various bugs, and adding an interactive map</li><li><b>Technologies:</b> React, Angular, Bootstrap, Redux, TypeScript, Java, MapLibreGL, Redmine, SVN, Phabricator</li></ul>	
React & WordPress Intern   Aboundant   Waverly, IA, USA	January 2022 – April 2023
<ul style="list-style-type: none"><li>Implemented UI/UX designs of web forms in React, wrote PHP plug-ins to add server-side validation to forms, and wrote custom WordPress templates to render React forms in WordPress</li></ul>	

### TECHNOLOGY PROJECTS

Movie Quiz Web App   Machine Learning   Efrei Paris	July 2024
<ul style="list-style-type: none"><li>Created and designed a React Router web application that uses generative AI and web scraping to create MCQ quizzes on any movie of the user's choice</li><li><b>Stack:</b> React Router, Flask, BeautifulSoup, OpenAI API, The Movie Database API, Wikipedia API, Git, Penpot</li></ul>	
Cricket Match Statistics   Non-Relational Database Management   Efrei Paris	July 2024
<ul style="list-style-type: none"><li>Developed a Streamlit web application that simulates live-streaming of cricket matches, cleans the large amount of data, stores it into a NoSQL database, and displays key statistics on an informative dashboard</li><li><b>Stack:</b> Python, Kafka, Spark, MongoDB, Streamlit, Pandas, Matplotlib, PyMongo</li></ul>	

### TECHNOLOGY SKILLS

**Languages:** Python, JavaScript, TypeScript, PHP, SQL, Java (*proficient*), C#, C++, Prolog, Scheme, Kotlin (*familiar*)  
**Frameworks/Tools:** React Native, Expo, Next.js, Flask, Vue, .NET, tkinter, Kafka, Spark, Hadoop, RabbitMQ  
**DevOps:** Docker, Kubernetes, Jenkins, GitHub Actions, Trello, Azure DevOps, Ansible, Terraform  
**Data science:** Pandas, Matplotlib, Keras, scikit-learn, Jupyter, Streamlit  
**Testing:** unittest, pytest, Jest, Mocha, Playwright, Robot Framework  
**Databases:** MongoDB, MySQL, SQLite, Supabase, Neo4j  
**Design:** Illustrator, InDesign, Photoshop, Lightroom, XD, Figma, Penpot