PERSONAL INFORMATION

CONTACT

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QUALITIES

- Entrepreneurial spirit
- Quick to adapt and learn new technologies
- Team spirit
- Ability to work under pressure and on multiple tasks simultaneously
- Communication and organizational skills

HOBBIES

- Cooking
- Music

SKILLS

- **Frontend:** Angular, Vue, React, HTML/CSS, TailwindCSS, JavaScript, JQuery
- **Backend:** Django, Lavarel, Yii, Node, Express, NextJS, .NET, JSP, Spring
- **Mobile:** Ionic, Flutter
- **ERP:** Odoo
- **CMS:** Wordpress
- **Programming languages:** Python, PHP, Java, C#
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Data analysis and visualization tools:** Pandas, Numpy, Plotly, HighCharts, Power BI, Excel (Power View), Tableau
- **Data management skills**: Data collection, Data processing, Data quality, Data visualization, Data storytelling
- **Generative AI (LLMs)**: GPT-3/4, LLAMA, Hugging Face
- **Project management method**: SCRUM
- **Dev Tools**: Git, Postman

Abiola P. Chokki

Researcher in Data Storytelling with Open Government Data (OGD), Project Manager and Full Stack Developer with 9 years of experience & Co-Founder of AhoueFa Platform
Open to any opportunity or collaboration on Web, mobile, ETL applications and Chabot integrations.

EXPERIENCES

Researcher in Data Storytelling with OGD — *Dec19*
Faculty of Computer Science, UNamur, Belgium — *Nov23*

- **Collaborated** with diverse **OGD stakeholders** in Wallonia, encompassing municipal authorities, infomediaries, and citizens, to gather their specific needs
- Gained proficiency in **ETL** processes and created a comprehensive and versatile **data storytelling tool**, similar to **Tableau**, using **Django, Angular, Plotly, Pandas, and PostgreSQL**. This tool was designed to facilitate a rapid comprehension of open government data for OGD stakeholders
- Proficiently **documented** stakeholder requirements, further disseminating insights through **10 scientific publications**

Co-founder of AhoueFa Platform — *Jan20*
AhoueFa.com, Benin — *Present*

- Designed and implemented AhoueFa's **web and mobile platforms** using **Wordpress, Java, and MySQL**, facilitating connections between **real estate agencies, customers, buyers, sellers,** and **service providers**
- Shaped AhoueFa's **marketing** strategy with **Facebook Ads**, successfully accumulating **10,000** classified listings and **8,000** real estate properties to date

Freelance Full Stack Developer — *2016 Present*

- Designed, developed, and sustained **web, mobile, and ERP** solutions tailored to client needs, leveraging tools like **Yii, Laravel, Vue, Ionic, React, Odoo (Python), MySQL, and PostgreSQL**
- Led a **12-member team of developers and testers** within a **SCRUM** environment to implement the University of Laos' management system
- Designed and sustained a **Human Resources Management System** for Nam Theun 1 Power Company using **Odoo and PostgreSQL**

IT Consultant — *Nov18*
Sysmatik Co., Ltd, Laos — *Nov19*

- Engineered and sustained the firm's in-house and client projects, encompassing **E-commerce** platforms, **payment gateways**, **delivery systems**, and websites **with Laravel, Vue, Ionic, WordPress, and MySQL**
- Conduct a study on **banking systems** and supervise the development of the **mobile application** of BIC Laos bank
- Led **a team of 3 developers** in a **SCRUM** environment

ERP Project Manager — *2014*
Cyberia Co., Ltd, Laos — *Oct18*

- Develop and maintain **ERP, mobile and web** applications based on client requirements using **Odoo, Yii, Ionic, MySQL, and PostgreSQL**
- Spearheaded full project lifecycles, from **requirement analysis** to **implementation** and **training**
- Manage **a team of 5 developers** using **SCRUM** method
- Pioneered **internal products**, boosting the **software department's revenue** by **20% initially**, with consistent **yearly growth of 5-10%**

LANGUAGES

- French (Native language)
- English (B2)
- Vietnamese & Laotian (A1)

CERTIFICATIONS

- **Gestion de projets** (Mooc GdP - 2023)
- **Management d'Équipe Projet** (Spécialisation - Mooc GdP - 2023)
- **Outils et applications web pour la gestion de projet** (Spécialisation - Mooc GdP - 2023)
- **Outils et Méthodologie de Résolution de Problème** (Spécialisation - Mooc GdP - 2023)
- Fondamentaux du marketing numérique (Google - 2020)

EXPERIENCES (suite)

End of Master degree internship (6 months)   *2014*
University of Toulouse 1, France

- Propose and implement a solution to generate localized synthetic population from aggregate data via **JAVA and GAMA simulator**

Assistant to the General Manager and Application Developer (7 months)   *2012*
HESystems, Benin

- Write **bidding documents** for tenders
- Develop and maintain **web and Windev** applications using **PHP, JSP, Windev and MySQL**

End of engineering degree internship (6 months)   *2012*
LETIA, University of Abomey-Calavi, Benin

- Propose and implement an improved version of the AODV protocol to enable mobility in hybrid networks using **C++** and the **NS2 simulator**

EDUCATION

PhD in Computer Science   *2019-2023*
University of Namur, Belgium

Thesis title: Open Government Data: Empowering Reuse through Collaboration, Data Quality and Data Storytelling

Master degree in Interactive Systems Engineering   *2012-2014*
University of Rochelle, France

Master degree in Intelligent Systems and Multimedia   *2012-2014*
International Francophone Institute, Vietnam

Engineer degree in Computer Engineering and Telecommunications   *2006-2011*
University of Abomey-Calavi, Benin

APPLICATIONS DEVELOPED DURING THE THESIS

- **ODE**: A **data exploration tool** crafted with **Django, Pandas, Plotly, HighCharts and PostgreSQL**
- **ODEON**: An **exchange platform** bridging citizens, developers, and data providers using **Django, Plotly, and PostgreSQL**
- **CitizenApps**: A **mobile app** highlighting open data's value, built with **Java**
- **StoryOGD**: A user-friendly **data dashboard creation tool** using **Django, Pandas, Plotly, and PostgreSQL**
- **NBDash**: A **Namur city budget visualization dashboard** via **Plotly Dash**
- **ODSAG**: **Chrome extension** for dataset annotations using **Django**, **Pandas, and Javascript**.
- **QualityOGD**: A **conversational agent** for data quality assessment using **Django, Pandas, and Angular**
- **ChatOne**: A **QA** system with **LLMs** for querying **varied document formats** using **Streamlit, Pandas, LangChain and Chromadb**