Kolya Souvorin

Conway, Arkansas

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STUDENT AND SOFTWARE DEVELOPER

I am a computer science student and developer at Disco Tray Studios. My focuses are Web Development, AI, and Machine Translation. On Github, you'll see me working on the Hendrix Arboretum site and building a translator between English and Kinyarwanda.

TECHNICAL SKILLS

Languages	:	Python: 4 years, C-sharp: 2 years
Libraries	:	NumPy, SciPy, PyTorch
Database MNGT	:	MySQL, PostgreSQL
Dev Tools	:	Git, Docker, Azure, Selenium

EXPERIENCE

Web Developer   August 2023 – Present
Disco Tray Studios   *Conway, Arkansas*

- **Collaborated** with a team to take projects from development to release in an **SDLC** framework
- Used front-end tools and azure to build and host websites for clients at Hendrix College and the **Central Arkansas Community**
- Improved **website speed and reliability** and through improved DB calls, taking the Hendrix Assessment and Arboretum websites from 20 second to 1/2 a second calls

Ignite Fellow   January 2022 – Present
Teach for America   *Jackson, Mississippi*

- Taught mathematics and English to **students** negatively impacted by COVID-19
- **Planned** engaging lessons using modern **virtual tools**, leading to higher academic achievement
- **Trained** new tutors and gave presentations on effective techniques

EDUCATION

Hendrix College   Conway, Arkansas
Bachelor of Science in Computer Science   *Aug 2019 – Dec 2024 Expected*

PROJECTS

Hendrix Assessment   *C-sharp, MySQL, .NET 5.0, Git*   Source Code

- Developed and released a clean and modern website using **HTML, CSS, and JavaScript** in the **ASP.NET** framework
- Allowed Hendrix to see what programs were over and underperforming over 8 years to inform hiring and **funding decisions** at the **board level**
- New versions **continuously released** every year based on **client feedback**

Hendrix Arboretum   *C-sharp, MySQL, JavaScript, NET 7.0, Git*   Source Code

- A Utilized survey of Central Arkansas trees dating back to 1993 to educate the **public** on conservation and serve as a collective resource for **researchers**
- Integrated **GIS** mapping with **Leaflet** into the DB to show tree location.
- Combined **domain knowledge** on botany with **DB management** giving each user the best view

AWARDS

- Murphy Scholar in Literature and Language
- Research on language hierarchies on the internet
- Presenter at National Conference for Undergraduate Research 2024