

Miqueas “Micky” Kim Han

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EDUCATION

University of Illinois at Urbana-Champaign

Bachelor of Science in Computer Science

Urbana, IL

Dec 2019

EXPERIENCE

Freelance Frontend Developer

Freelancer

Jan 2022 – Present

Mexico City, MX

- Developed websites with CMS support using HTML, CSS, Javascript, and Hubspot/HubL from Adobe XD
- Executed WordPress site exports to virtual cloud servers provided by the client and configured SSL/DNS
- Developed meeting scheduling pages and custom email signatures

Illini Esports President, Co-founder

University of Illinois at Urbana-Champaign

May 2016 – Jan 2019

Urbana, IL

- Founded the largest esports Tespa chapter in Midwest USA with over 1,000+ active members
- Worked with companies such as Riot Games, Blizzard, Discord, HyperX, and Steelseries
- Planned, marketed, and hosted large live events with over 500 attendants

WEB PROJECTS

Caintra Practicantes | *React, JavaScript, HubL/HubSpot*

Mar 2023 - Present

- Implemented a full website with landing page and blogs from an Adobe XD design document provided by the client
- Developed costume modules and templates that allow the client to create their own variations of the website without code
- Designed and developed mobile layout and components to allow for responsive design

Pathfinder | *NextJs, React, TailwindCSS, TypeScript*

Nov 2022

- Visualized Dijkstra's and A* pathfinding algorithms using a modern minimalist UI/UX in React
- Created a custom animation loop using the app state to update every node in the order they were processed
- Implemented priority queue using a binary heap to greatly improve performance of pathfinding algorithms
- Developed optimized web app for both desktop and mobile with a pagespeed score of 95+

PROJECTS

Home Lab Server | *Proxmox, Docker, Portainer, TrueNAS Core*

Mar 2023

- Created a home server using Proxmox to manage VMs running a Docker host on Linux/Debian and a home NAS
- Hosted a Valheim server using a Docker container that can support up to 10 public users simultaneously
- Configured a home media server (Plex) with automatic backups and 24/7 availability (TrueNAS Core)
- Implemented a reverse proxy using Nginx to hide local services that are exposed to the outside

Automated Passenger Tracking | *C++, Python, OpenCV, Wireshark*

Dec 2019

- Worked with the Champaign-Urbana Mass Transit District to gather analytics on their provided bus routes
- Developed an automated tracking system using OpenCV and WireShark in C++
- Analyzed Wi-Fi information to identify popular bus routes and travel times

TECHNICAL SKILLS

Programming Languages: TypeScript/Javascript, Python, Java, C

Frameworks: NextJs, Vue, Node.js, Express.js

Libraries: React, GSAP, TailwindCSS, Material-UI

Developer Tools: Git, VS Code, Visual Studio, Postman, WSL 2, Ubuntu

Databases: MongoDB

Languages: English, Spanish, Korean

Nationality: Mexican, Eligible to work in Mexico