WISSAM RAZOUKI

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WORK EXPERIENCE

HCLTech — Remote   *Nov 2020 – Present*
Data Analyst & Engineer
- Create **insightful data solutions** and other tools for various teams at a large tech company.
- Develop **ETL workflows** to efficiently query, transform, and aggregate data for analysis (SQL, Python, Pandas).
- Work with various data tools (GCP, Snowflake, Jupyter, Looker) to **analyze data** and **build reporting tools**.
- Build apps/bots to **automate launch processes** and **boost the productivity** of engineers and PMs (Python, JavaScript, HTML, Java). Data ingestion for these tools enabled us to track impact and performance over time, allowing us to see a **clear reduction (50%+) in time to launch new features** to production.

English by Merit — Remote   *May 2020 – Nov 2020*
Developer & System Analyst
- Hired at a small company to work on a scholarship matching website that helps college students fund their education.
- Responsible for **front and back-end web development** (working closely with AWS, Linux, SSH, and SQL/NoSQL databases), code review, research, development of new and existing features, data analysis, tech consulting, and production of written reports with comprehensive system diagrams.

Doosan Fuel Cell America — South Windsor, CT   *Jun 2019 – Aug 2019*
Software Engineer Intern
- Developed **database solutions** for a **cloud-based** Remote Monitoring System (RMS) for a fleet of hundreds of fuel cell powerplants located worldwide. RMS was later deployed for company use.
- Automated **ETL processes** for data collection, aggregation, categorization, and visualization (using Python, C++, MySQL, AWS, and Excel) to help the software team **quickly** identify, prioritize, track, and resolve issues.
- Managed and fixed software on powerplant computers through remote desktop sessions.

UConn School of Engineering — Storrs, CT   *Jan 2017 – May 2017*
Information Technology Specialist
- Troubleshooted computer/network problems and diagnosed issues with printers and other technology.
- Maintained high productivity by helping students, faculty, and staff with relevant tech-related problems.
- Experience in imaging, ghosting, installing, and licensing various types of software on many different machines.
- Responsible for repairing and/or replacing faulty pieces of hardware to save on computer costs.

YouTube — Online   *Aug 2011 – Present*
Partner
- Manage a channel and create content with **20 million views**, leveraging data analytics, SEO, and digital marketing.

RELEVANT PROJECTS

Senior Design (Sponsored by Carrier) — Storrs, CT   *Aug 2019 – May 2020*
First Place Winner for ECE Senior Design 2020 at UConn, Team Leader
- Developed a testing methodology for **IoT systems** relevant to Carrier's new network-controlled HVAC products.
- **Led** the **design** and **implementation** of a sample IoT system, toolchain selection, and dividing tasks for the group.
- Tech stack: Python scripting/automation, cloud API, Android app development, Arduino, Matlab, Apache JMeter.

EDUCATION

University of Connecticut — Storrs, CT   *Aug 2016 – May 2020*
Bachelor of Science in Computer Engineering   **GPA:** 3.8/4.0
- **Courses:** Data Structures and OOP, Software Engineering, Scientific Computation, Systems Programming
- **Honors & Awards:** 1st Place Senior Project Winner, New England Scholar, Dean's List Scholar, Cum Laude Grad

TECHNICAL SKILLS

Coding: Python, Advanced SQL, Pandas, JavaScript, C/C++, Java, Git, HTML, CSS, Node.js, Matlab, R, Bash, Assembly
Software: Linux, AWS, GCP, Jupyter, VS Code, Tableau, Looker, Snowflake, Airflow, Jira, Eclipse, Android, VirtualBox
Hardware: Microcontrollers, FPGA, PC building and repairing, electronic circuit designing/building/analyzing/programming