Zachary "Zaiquiri" Canoot (They/Them)

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OBJECTIVE:
Advance the human-technology interface to increase the efficiency, and sustainability, of our world.

EDUCATION

B.S. in Computer Science *Aug 2019 – May 2023*
The University of Texas at Dallas – Richardson, TX *GPA 3.868/4.000*

NOTABLE COURSES   Skills Gained:

Introduction to Machine Learning:	*RNN, CNN, Pandas, Numpy, R, Python, ggplot*
Software Engineering	*SCRUM, Agile, Waterfall, and other development protocols*
Entrepreneurship and Innovation:	*Refining a Startup, Basic Business Knowledge*

Extras:
C/C++ Programming UNIX Environment   Natural Language Processing
Professional & Technical Communication   Operating Systems Concepts

SKILLS

Programming Languages:	Python, R, C++, C, HTML/CSS, Java, Javascript/Typescript
Tools & Frameworks:	Numpy, Pandas, Git, Bash, React, Express, Node JS, React, Next.JS Keras, SciKit-Learn, TensorFlow, ggplot
Operating Systems:	GNU/Linux, Windows

PROJECTS

Neural Network Image Classification *November 2022*
Tools: Keras, Numpy, Pandas, Google's MobileNetV2, Google Colab
- Imported large image database into numerical dataset
- Fine tuned CNN and RNN to produce high accuracy results
- Implemented transfer learning using Google's MobileNetV2

Fullstack Development - MechaSense Report Generation *January 2023 – Present*
Tools & Skills: MongoDB, React, Express, NodeJS, Project Management, UI
- Aggregate data from HVAC IoT devices to regular reports
- Regular meetings with other developers on design/requirements
- Point of contact with MechaSense co-founder

Embedded Software – Various Keyboard Builds
Tools & Skills: C++, C, ZMK, Docker, QMK
- Successfully used the ZMK Dockerized toolchain using WSL
- Combed through ZMK forks for extra features and drivers
- Understand the web QMK configurator

WORK EXPERIENCE

Insomnia Cookies *August 2022 – March 2023*
Shift Lead: *General retail and food service, I open, close, and manage FOH and BOH.*
Pressed Juicery *June 2023 - Present*
Shift Lead: General retail and food service, I open, close, and manage FOH and BOH.

ACTIVITIES & HONORS

Women in Cybersecurity – *Member*	*May 2021 – May 2023*
Dean's List	*Spring & Fall 2021*
Academic Excellence Scholarship	*August 2019*
Quality Assurance Organization – *Member*	*May 2022 – May 2023*
Comet Keyboards – *Member*	*May 2022 – May 2023*